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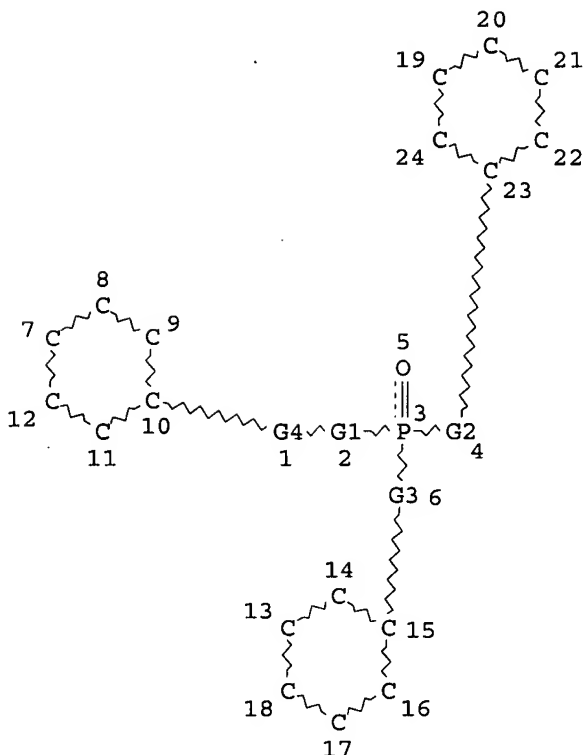
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to overcome 20 April
2001
20 April
2001



```
VAR G1=O/S/N
VAR G2=O/N/S
VAR G3=O/S/N
REP G4=(1-10) CH2
ENTER (DIS), GRA, NOD, BON OR ?:end
L1  STRUCTURE CREATED
```

```
=> save temp l1
ENTER NAME OR (END):sn10018971,dis
SN10018971,DIS IS NOT A VALID SAVED NAME
Enter the name you wish to use for the saved query,
answer set, or L-number list. The name must:
```

1. Begin with a letter,
2. Have 1-12 characters,
3. Contain only letters (A-Z) and numbers (0-9),
4. End with /Q for a query (search profile, structure, or screen set), /A for an answer set, or /L for an L-number list.
5. Not already be in use as a saved name,
6. Not be END, SAV, SAVE, SAVED
7. Not have the form of an L-number (Lnnn).

```
ENTER NAME OR (END):sn10018971/q
QUERY L1 HAS BEEN SAVED AS 'SN10018971/Q'
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=> search l1 sss full
FULL SEARCH INITIATED 16:50:38 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 88619 TO ITERATE
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100.0% PROCESSED 88619 ITERATIONS 118 ANSWERS
SEARCH TIME: 00.00.02
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L2 118 SEA SSS FUL L1
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=> dis l2 1- sub bib
YOU HAVE REQUESTED DATA FROM 118 ANSWERS - CONTINUE? Y/(N):y
```

```
L2 ANSWER 1 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 601522-10-5 REGISTRY
CN Phosphoric acid, (4-ethenylphenyl)methyl diphenyl ester, polymer with
1-(chloromethyl)-4-ethenylbenzene and ethenylbenzene, compd. with
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MF N,N-dimethyl-1-hexadecanamine (9CI) (CA INDEX NAME)
 PCT (C21 H19 O4 P . C9 H9 Cl . C8 H8)x . x C18 H39 N
 SR Polystyrene
 LC CA
 STN Files: CA, CAPLUS

CM 1

CRN 112-69-6
 CMF C18 H39 N

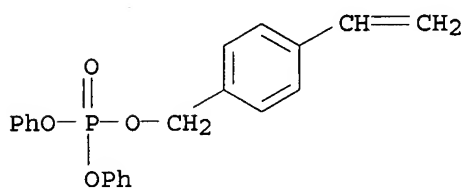
Me₂N-(CH₂)₁₅-Me

CM 2

CRN 601522-09-2
 CMF (C21 H19 O4 P . C9 H9 Cl . C8 H8)x
 CCI PMS

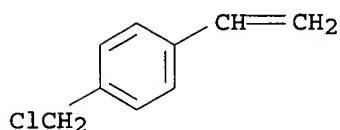
CM 3

CRN 601522-04-7
 CMF C21 H19 O4 P



CM 4

CRN 1592-20-7
 CMF C9 H9 Cl



CM 5

CRN 100-42-5
 CMF C8 H8

H₂C=CH-Ph

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

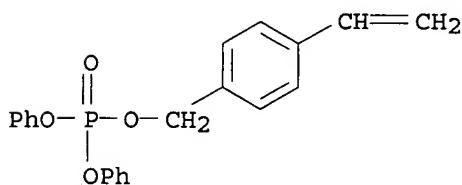
AN 139:261884 CA
 TI Flame retardancy of polystyrene nanocomposites based on an oligomeric organically-modified clay containing phosphate

AU Zheng, Xiaoxia; Wilkie, Charles A.
 CS Department of Chemistry, Marquette University, Milwaukee, WI, 53233, USA
 SO Polymer Degradation and Stability (2003), 81(3), 539-550
 CODEN: PDSTDW; ISSN: 0141-3910
 PB Elsevier Science B.V.
 DT Journal
 LA English
 RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 601522-09-2 REGISTRY
 CN Phosphoric acid, (4-ethenylphenyl)methyl diphenyl ester, polymer with
 1-(chloromethyl)-4-ethenylbenzene and ethenylbenzene (9CI) (CA INDEX
 NAME)
 MF (C21 H19 O4 P . C9 H9 Cl . C8 H8)x
 CI PMS, COM
 PCT Polystyrene
 SR CA

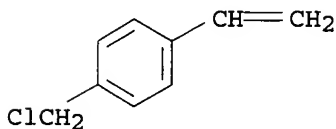
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CRN 601522-04-7
 CMF C21 H19 O4 P



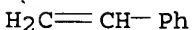
CM 2

CRN 1592-20-7
 CMF C9 H9 Cl

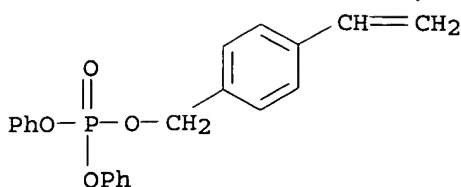


CM 3

CRN 100-42-5
 CMF C8 H8



L2 ANSWER 3 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 601522-04-7 REGISTRY
 CN Phosphoric acid, (4-ethenylphenyl)methyl diphenyl ester (9CI) (CA INDEX
 NAME)
 FS 3D CONCORD
 MF C21 H19 O4 P
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS



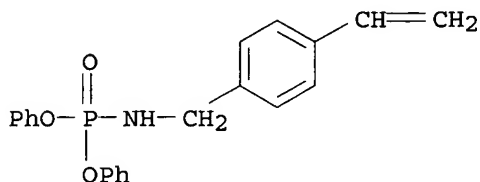
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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 139:261884 CA
TI Flame retardancy of polystyrene nanocomposites based on an oligomeric organically-modified clay containing phosphate
AU Zheng, Xiaoxia; Wilkie, Charles A.
CS Department of Chemistry, Marquette University, Milwaukee, WI, 53233, USA
SO Polymer Degradation and Stability (2003), 81(3), 539-550
CODEN: PDSTDW; ISSN: 0141-3910
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 4 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 527759-19-9 REGISTRY
CN Phosphoramidic acid, [(4-ethenylphenyl)methyl]-, diphenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H20 N O3 P
SR CA
LC STN Files: CA, CAPLUS



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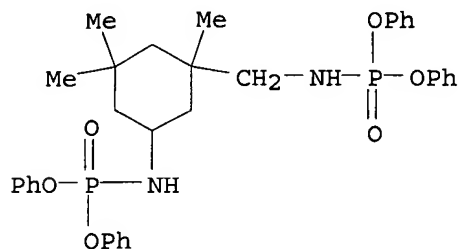
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 138:385908 CA
TI Organophosphorus compounds having polymerizable unsaturated bonds
IN Fujita, Akinori; Wakata, Yuichi
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI	JP 2003146994	A2	20030521	JP 2001-346937	20011113
PRAI	JP 2001-346937		20011113		

L2 ANSWER 5 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 519040-35-8 REGISTRY
 CN Phosphoramidic acid, [3-[[[(diphenoxyphosphinyl)amino]methyl]-3,5,5-trimethylcyclohexyl]-, diphenyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C34 H40 N2 O6 P2
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

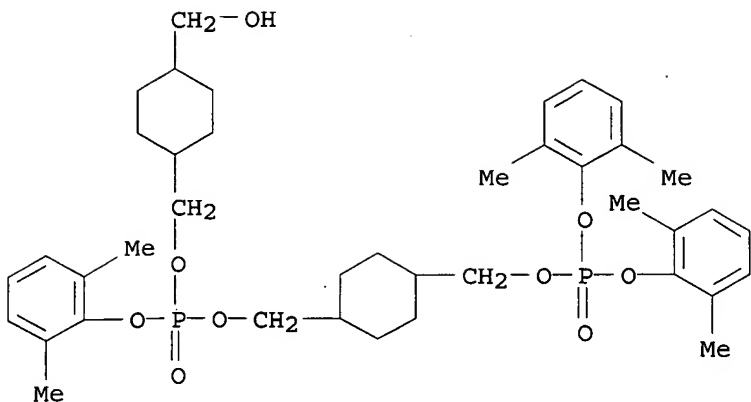
AN 138:369701 CA
 TI Thermally stable fireproofing phosphoramides, their manufacture, and fire-resistant resin compositions containing them
 IN Onchi, Yoko; Takahashi, Ikuo; Imanishi, Shinichiro
 PA Daicel Chemical Industries, Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 12 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 2003128685	A2	20030508	JP 2001-329213	20011026
PRAI	JP 2001-329213		20011026		

L2 ANSWER 6 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 476371-36-5 REGISTRY
 CN Phosphoric acid, [4-[[[bis(2,6-dimethylphenoxy)phosphinyl]oxy]methyl]cyclohexyl]methyl 2,6-dimethylphenyl [4-(hydroxymethyl)cyclohexyl]methyl ester (9CI) (CA INDEX NAME)
 MF C40 H56 O9 P2
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

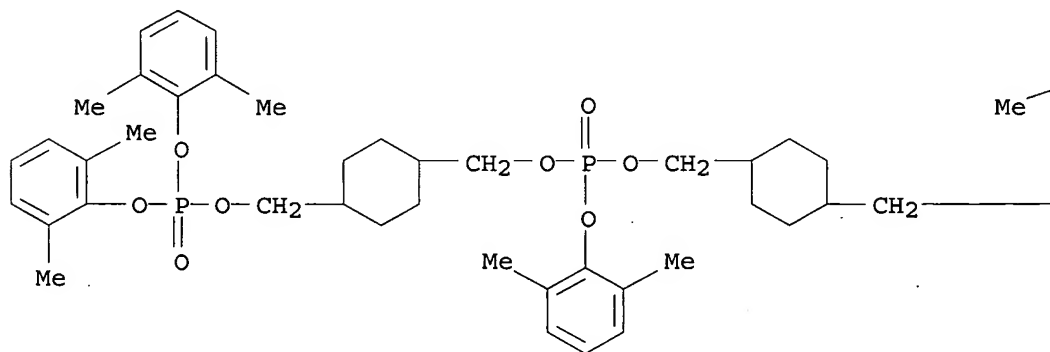
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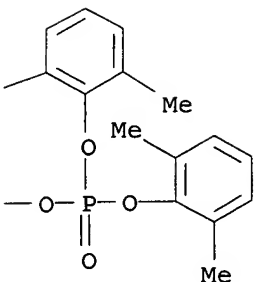
AN 138:5222 CA
TI Thermoplastic resin compositions, heat sensitive adhesives and sheets therewith
IN Takahashi, Ikuo; Mizumoto, Kiyoharu
PA Daicel Chemical Industries, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10. pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002338826	A2	20021127	JP 2001-153171	20010522
PRAI	JP 2001-153171		20010522		

L2 ANSWER 7 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 476371-35-4 REGISTRY
CN Phosphoric acid, bis[[4-[[[bis(2,6-dimethylphenoxy)phosphinyl]oxy]methyl]cyclohexyl]methyl] 2,6-dimethylphenyl ester (9CI) (CA INDEX NAME)
MF C56 H73 O12 P3
SR CA
LC STN Files: CA, CAPLUS

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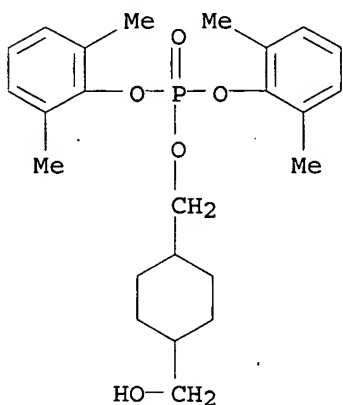
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 138:5222 CA
TI Thermoplastic resin compositions, heat sensitive adhesives and sheets therewith
IN Takahashi, Ikuo; Mizumoto, Kiyoharu
PA Daicel Chemical Industries, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002338826	A2	20021127	JP 2001-153171	20010522
PRAI	JP 2001-153171		20010522		

L2 ANSWER 8 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 476371-34-3 REGISTRY
CN Phosphoric acid, bis(2,6-dimethylphenyl) [4-(hydroxymethyl)cyclohexyl]methyl ester (9CI) (CA INDEX NAME)
MF C24 H33 O5 P
SR CA
LC STN Files: CA, CAPLUS



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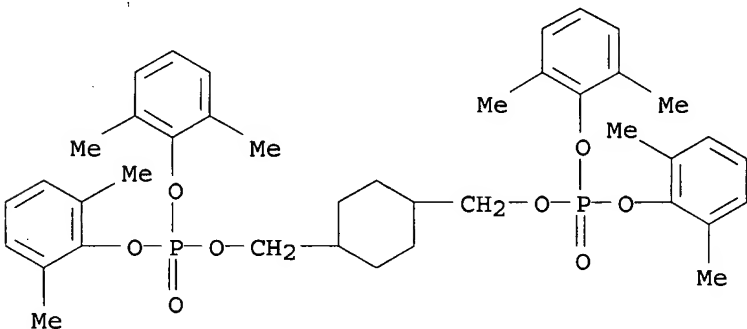
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 138:5222 CA
TI Thermoplastic resin compositions, heat sensitive adhesives and sheets therewith
IN Takahashi, Ikuo; Mizumoto, Kiyoharu
PA Daicel Chemical Industries, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002338826	A2	20021127	JP 2001-153171	20010522
PRAI	JP 2001-153171		20010522		

L2 ANSWER 9 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 476371-33-2 REGISTRY
CN Phosphoric acid, 1,4-cyclohexanediylbis(methylene) tetrakis(2,6-dimethylphenyl) ester (9CI) (CA INDEX NAME)
MF C40 H50 O8 P2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

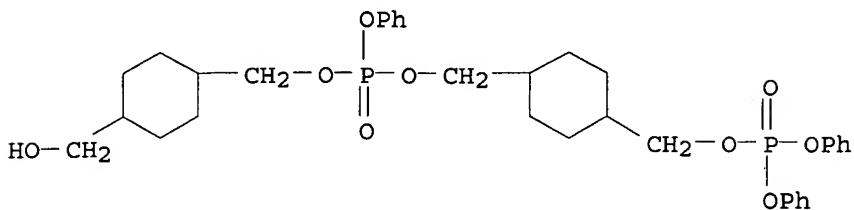
REFERENCE 1

AN 138:5222 CA
TI Thermoplastic resin compositions, heat sensitive adhesives and sheets therewith
IN Takahashi, Ikuo; Mizumoto, Kiyoharu
PA Daicel Chemical Industries, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002338826	A2	20021127	JP 2001-153171	20010522
PRAI	JP 2001-153171		20010522		

L2 ANSWER 10 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 476371-30-9 REGISTRY
CN Phosphoric acid, [4-[[[(diphenoxyphosphinyl)oxy]methyl]cyclohexyl]methyl [4-(hydroxymethyl)cyclohexyl]methyl phenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C34 H44 O9 P2

SR CA
LC STN Files: CA, CAPLUS



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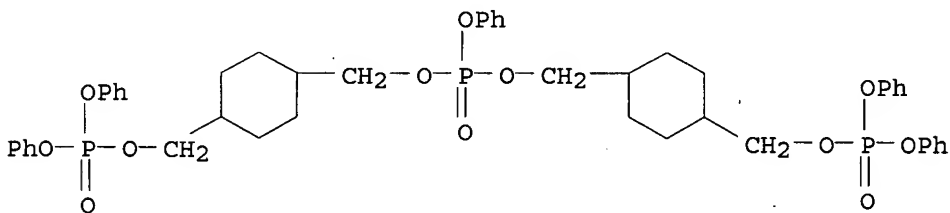
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 138:5222 CA
TI Thermoplastic resin compositions, heat sensitive adhesives and sheets therewith
IN Takahashi, Ikuo; Mizumoto, Kiyoharu
PA Daicel Chemical Industries, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002338826	A2	20021127	JP 2001-153171	20010522
PRAI	JP 2001-153171		20010522		

L2 ANSWER 11 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 476371-29-6 REGISTRY
CN Phosphoric acid, bis[[4-[[[(diphenoxyphosphinyl)oxy]methyl]cyclohexyl]methyl] phenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C46 H53 O12 P3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 138:5222 CA
TI Thermoplastic resin compositions, heat sensitive adhesives and sheets therewith
IN Takahashi, Ikuo; Mizumoto, Kiyoharu
PA Daicel Chemical Industries, Ltd., Japan

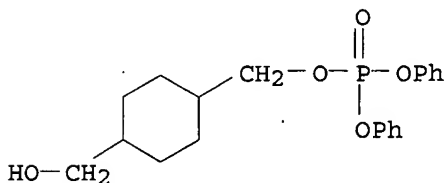
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

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PI	JP 2002338826	A2	20021127	JP 2001-153171	20010522
PRAI	JP 2001-153171		20010522		

L2 ANSWER 12 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 476371-28-5 REGISTRY
CN Phosphoric acid, [4-(hydroxymethyl)cyclohexyl]methyl diphenyl ester (9CI)
(CA INDEX NAME)
FS 3D CONCORD
MF C20 H25 O5 P
SR CA
LC STN Files: CA, CAPLUS



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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

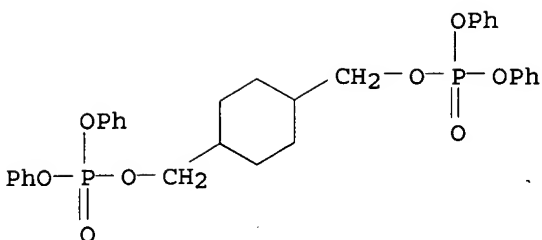
AN 138:5222 CA
TI Thermoplastic resin compositions, heat sensitive adhesives and sheets
therewith
IN Takahashi, Ikuo; Mizumoto, Kiyoharu
PA Daicel Chemical Industries, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

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PI	JP 2002338826	A2	20021127	JP 2001-153171	20010522
PRAI	JP 2001-153171		20010522		

L2 ANSWER 13 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 476371-27-4 REGISTRY
CN Phosphoric acid, 1,4-cyclohexanediylbis(methylene) tetraphenyl ester (9CI)
(CA INDEX NAME)
FS 3D CONCORD
MF C32 H34 O8 P2
SR CA
LC STN Files: CA, CAPLUS



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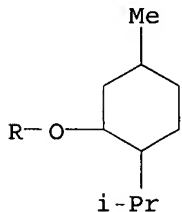
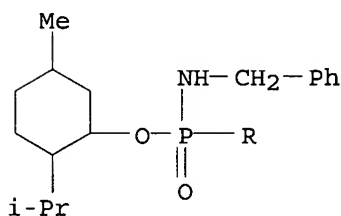
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 138:5222 CA
TI Thermoplastic resin compositions, heat sensitive adhesives and sheets therewith
IN Takahashi, Ikuo; Mizumoto, Kiyoharu
PA Daicel Chemical Industries, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

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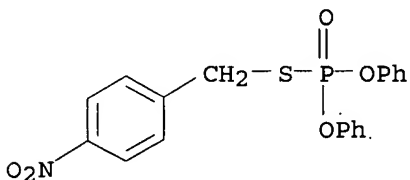
L2 ANSWER 14 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 474879-12-4 REGISTRY
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FS 3D CONCORD
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SR Chemical Library
LC STN Files: CHEMCATS



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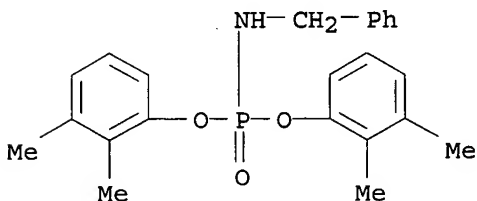
L2 ANSWER 15 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN

RN 438541-45-8 REGISTRY
 CN Phosphorothioic acid, S-[(4-nitrophenyl)methyl] O,O-diphenyl ester (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C19 H16 N O5 P S
 SR Chemical Library
 LC STN Files: CHEMCATS



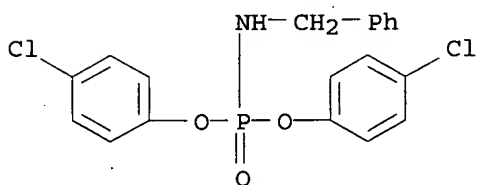
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L2 ANSWER 16 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 406471-98-5 REGISTRY
 CN Phosphoramidic acid, (phenylmethyl)-, bis(2,3-dimethylphenyl) ester (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C23 H26 N O3 P
 SR Chemical Library
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

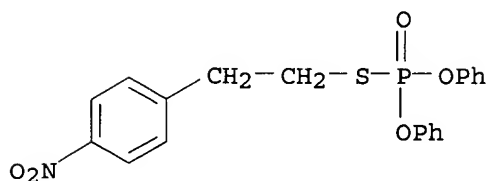
L2 ANSWER 17 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 406471-86-1 REGISTRY
 CN Phosphoramidic acid, (phenylmethyl)-, bis(4-chlorophenyl) ester (9CI) (CA
 INDEX NAME)
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 SR Chemical Library
 LC STN Files: CHEMCATS



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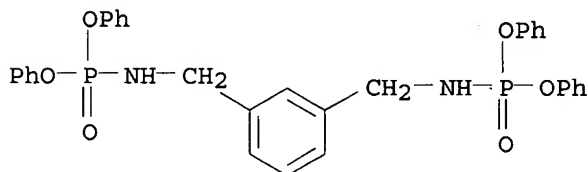
L2 ANSWER 18 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN

RN 397848-74-7 REGISTRY
 CN Phosphorothioic acid, S-[2-(4-nitrophenyl)ethyl] O,O-diphenyl ester (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H18 N O5 P S
 SR Chemical Library
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 ANSWER 19 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 382596-16-9 REGISTRY
 CN Phosphoramidic acid, [1,3-phenylenebis(methylene)]bis-, tetraphenyl ester
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
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 SR CA
 LC STN Files: CA, CAPLUS



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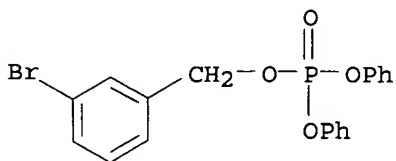
REFERENCE 1

AN 136:54631 CA
 TI Halogen-free epoxy resin compositions fireproofed by phosphoric amides
 IN Saito, Seiichi; Mori, Takahiro
 PA Asahi Denka Kogyo K. K., Japan
 SO Jpn. Kokai Tokkyo Koho, 16 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001354836	A2	20011225	JP 2000-177676	20000614
PRAI	JP 2000-177676		20000614		

L2 ANSWER 20 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 371754-82-4 REGISTRY
 CN Phosphoric acid, (3-bromophenyl)methyl diphenyl ester (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 3-Bromobenzyl diphenyl phosphate
 FS 3D CONCORD

MF C19 H16 Br O4 P
SR CA
LC STN Files: CA, CAPLUS



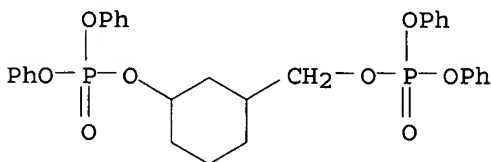
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 135:344346 CA
TI Annulation of Aromatic Imines via Directed C-H Activation with Wilkinson's Catalyst
AU Thalji, R. K.; Ahrendt, K. A.; Bergman, R. G.; Ellman, J. A.
CS Center for New Directions in Organic Synthesis Department of Chemistry, University of California, Berkeley, CA, 94720, USA
SO Journal of the American Chemical Society (2001), 123(39), 9692-9693
CODEN: JACSAT; ISSN: 0002-7863
PB American Chemical Society
DT Journal
LA English
RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 21 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 371159-72-7 REGISTRY
CN Phosphoric acid, [3-[(diphenoxyphosphinyl)oxy]cyclohexyl]methyl diphenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C31 H32 O8 P2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 135:344286 CA
TI Preparation of phosphoric acid triesters as flame retardants, plasticizers, or stabilizers
IN Onchi, Yoko; Takahashi, Ikuo
PA Daicel Chemical Industries, Ltd., Japan
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081356	A1	20011101	WO 2001-JP3423	20010420
	W: CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	EP 1277758	A1	20030122	EP 2001-921971	20010420
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	TW 523520	B	20030311	TW 2001-90109890	20010425
	US 2003109736	A1	20030612	US 2001-18971	20011226
PRAI	JP 2000-125777	20000426			
	JP 2000-125778	20000426			
	JP 2000-125779	20000426			
	JP 2000-247140	20000817			
	JP 2000-339664	20001107			
	WO 2001-JP3423	20010420			

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 22 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN

RN 371158-68-8 REGISTRY

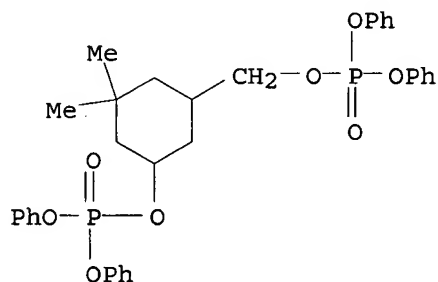
CN Phosphoric acid, [5-[(diphenoxyphosphinyl)oxy]-3,3-dimethylcyclohexyl]methyl diphenyl ester (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C33 H36 O8 P2

SR CA

LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 135:344286 CA

TI Preparation of phosphoric acid triesters as flame retardants, plasticizers, or stabilizers

IN Onchi, Yoko; Takahashi, Ikuo

PA Daicel Chemical Industries, Ltd., Japan

SO PCT Int. Appl., 86 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

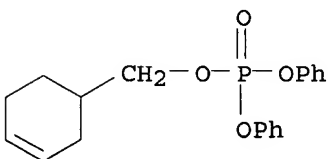
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081356	A1	20011101	WO 2001-JP3423	20010420
	W: CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	EP 1277758	A1	20030122	EP 2001-921971	20010420

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI, CY, TR

TW 523520 B 20030311 TW 2001-90109890 20010425
US 2003109736 A1 20030612 US 2001-18971 20011226
PRAI JP 2000-125777 20000426
JP 2000-125778 20000426
JP 2000-125779 20000426
JP 2000-247140 20000817
JP 2000-339664 20001107
WO 2001-JP3423 20010420

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 23 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 371158-67-7 REGISTRY
CN Phosphoric acid, 3-cyclohexen-1-ylmethyl diphenyl ester (9CI) (CA INDEX
NAME)
FS 3D CONCORD
MF C19 H21 O4 P
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

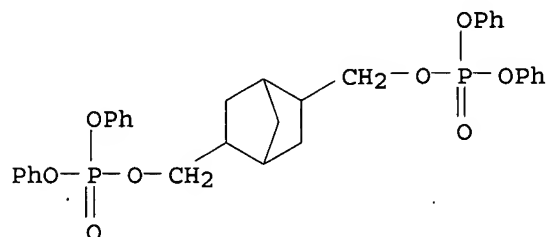
REFERENCE 1

AN 135:344286 CA
TI Preparation of phosphoric acid triesters as flame retardants,
plasticizers, or stabilizers
IN Onchi, Yoko; Takahashi, Ikuo
PA Daicel Chemical Industries, Ltd., Japan
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081356	A1	20011101	WO 2001-JP3423	20010420
	W: CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	EP 1277758	A1	20030122	EP 2001-921971	20010420
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	TW 523520	B	20030311	TW 2001-90109890	20010425
	US 2003109736	A1	20030612	US 2001-18971	20011226
PRAI	JP 2000-125777	20000426			
	JP 2000-125778	20000426			
	JP 2000-125779	20000426			
	JP 2000-247140	20000817			
	JP 2000-339664	20001107			
	WO 2001-JP3423	20010420			

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 24 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 371158-63-3 REGISTRY
 CN Phosphoric acid, bicyclo[2.2.1]heptane-2,5-diylbis(methylene) tetraphenyl
 ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C33 H34 O8 P2
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 135:344286 CA
 TI Preparation of phosphoric acid triesters as flame retardants,
 plasticizers, or stabilizers
 IN Onchi, Yoko; Takahashi, Ikuo
 PA Daicel Chemical Industries, Ltd., Japan
 SO PCT Int. Appl., 86 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081356	A1	20011101	WO 2001-JP3423	20010420
	W: CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	EP 1277758	A1	20030122	EP 2001-921971	20010420
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	TW 523520	B	20030311	TW 2001-90109890	20010425
	US 2003109736	A1	20030612	US 2001-18971	20011226
PRAI	JP 2000-125777	20000426			
	JP 2000-125778	20000426			
	JP 2000-125779	20000426			
	JP 2000-247140	20000817			
	JP 2000-339664	20001107			
	WO 2001-JP3423	20010420			

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 25 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 371158-62-2 REGISTRY
 CN Phosphoric acid, 1,3-phenylenebis(methylene) tetraphenyl ester (9CI) (CA
 INDEX NAME)
 FS 3D CONCORD
 MF C32 H28 O8 P2
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

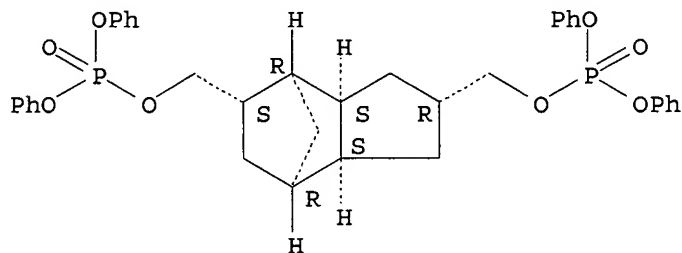
AN 135:344286 CA
TI Preparation of phosphoric acid triesters as flame retardants,
plasticizers, or stabilizers
IN Onchi, Yoko; Takahashi, Ikuo
PA Daicel Chemical Industries, Ltd.; Japan
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081356	A1	20011101	WO 2001-JP3423	20010420
	W: CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	EP 1277758	A1	20030122	EP 2001-921971	20010420
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	TW 523520	B	20030311	TW 2001-90109890	20010425
	US 2003109736	A1	20030612	US 2001-18971	20011226
PRAI	JP 2000-125777	20000426			
	JP 2000-125778	20000426			
	JP 2000-125779	20000426			
	JP 2000-247140	20000817			
	JP 2000-339664	20001107			
	WO 2001-JP3423	20010420			

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 27 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 371158-60-0 REGISTRY
CN Phosphoric acid, [(2R,3aS,4R,5S,7R,7aS)-octahydro-4,7-methano-1H-indene-2,5-diyl]bis(methylene) tetraphenyl ester (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C36 H38 O8 P2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

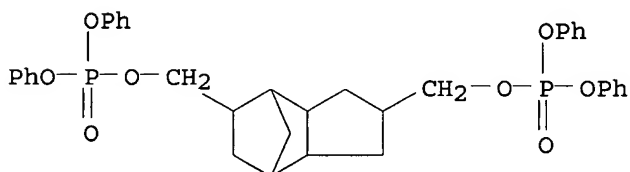
AN 135:344286 CA
TI Preparation of phosphoric acid triesters as flame retardants,
plasticizers, or stabilizers

IN Onchi, Yoko; Takahashi, Ikuo
PA Daicel Chemical Industries, Ltd., Japan
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081356	A1	20011101	WO 2001-JP3423	20010420
	W: CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	EP 1277758	A1	20030122	EP 2001-921971	20010420
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	TW 523520	B	20030311	TW 2001-90109890	20010425
	US 2003109736	A1	20030612	US 2001-18971	20011226
PRAI	JP 2000-125777	20000426			
	JP 2000-125778	20000426			
	JP 2000-125779	20000426			
	JP 2000-247140	20000817			
	JP 2000-339664	20001107			
	WO 2001-JP3423	20010420			

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 28 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 371158-59-7 REGISTRY
CN Phosphoric acid, (octahydro-4,7-methano-1H-indene-2,5-diyl)bis(methylene) tetraphenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C36 H38 O8 P2
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

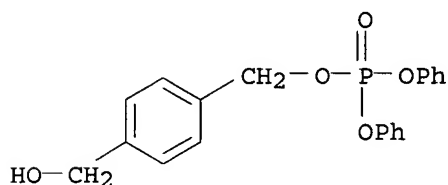
AN 135:344286 CA
TI Preparation of phosphoric acid triesters as flame retardants, plasticizers, or stabilizers
IN Onchi, Yoko; Takahashi, Ikuo
PA Daicel Chemical Industries, Ltd., Japan
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081356	A1	20011101	WO 2001-JP3423	20010420
	W: CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				

EP 1277758 A1 20030122 EP 2001-921971 20010420
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI, CY, TR
 TW 523520 B 20030311 TW 2001-90109890 20010425
 US 2003109736 A1 20030612 US 2001-18971 20011226
 PRAI JP 2000-125777 20000426
 JP 2000-125778 20000426
 JP 2000-125779 20000426
 JP 2000-247140 20000817
 JP 2000-339664 20001107
 WO 2001-JP3423 20010420

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 29 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 331970-08-2 REGISTRY
 CN Phosphoric acid, [4-(hydroxymethyl)phenyl]methyl diphenyl ester (9CI) (CA
 INDEX NAME)
 FS 3D CONCORD
 MF C20 H19 O5 P
 SR CA
 LC STN Files: CA, CAPLUS



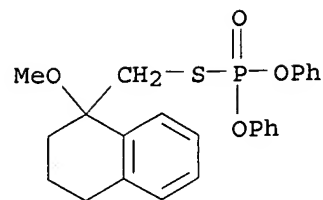
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 134:267014 CA
 TI Cross-linking of polystyrene by Friedel-Crafts chemistry: multifunctional
 additives
 AU Yao, Hongyang; Zhu, Jin; McKinney, Michael A.; Wilkie, Charles A.
 CS Department of Chemistry, Marquette University, Milwaukee, WI, 53201, USA
 SO Journal of Vinyl & Additive Technology (2000), 6(4), 205-210
 CODEN: JVATF4; ISSN: 1083-5601
 PB Society of Plastics Engineers
 DT Journal
 LA English
 RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 30 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 328118-86-1 REGISTRY
 CN Phosphorothioic acid, O,O-diphenyl S-[(1,2,3,4-tetrahydro-1-methoxy-1-
 naphthalenyl)methyl] ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C24 H25 O4 P S
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 134:214916 CA
TI Negative-working photoimaging materials having acid-amplifying layers for presensitized lithographic plates
IN Shimada, Kazuto; Kunita, Kazuto
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 66 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

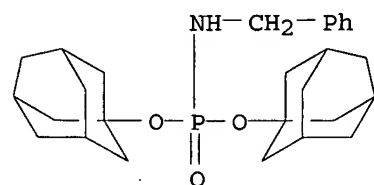
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001060004	A2	20010306	JP 1999-235452	19990823
PRAI	JP 1999-235452		19990823		

REFERENCE 2

AN 134:200573 CA
TI Negative-working light- or heat-sensitive image recording materials
IN Shimada, Kazuto; Kunida, Kazuto
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 63 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

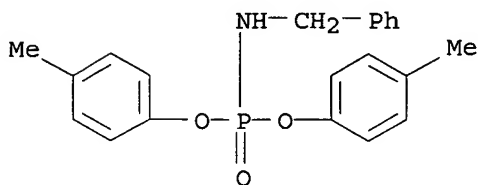
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001060006	A2	20010306	JP 1999-235451	19990823
PRAI	JP 1999-235451		19990823		

L2 ANSWER 31 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 324036-82-0 REGISTRY
CN Phosphoramidic acid, (phenylmethyl)-, bis(tricyclo[3.3.1.1^{3,7}]dec-1-yl) ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C27 H38 N O3 P
SR Chemical Library
LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

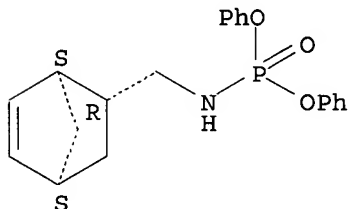
L2 ANSWER 32 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 298191-88-5 REGISTRY
 CN Phosphoramidic acid, (phenylmethyl)-, bis(4-methylphenyl) ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C21 H22 N O3 P
 SR Chemical Library
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 ANSWER 33 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 250784-14-6 REGISTRY
 CN Phosphoramidic acid, [(1R,2S,4R)-bicyclo[2.2.1]hept-5-en-2-ylmethyl]-, diphenyl ester, rel- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C20 H22 N O3 P
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

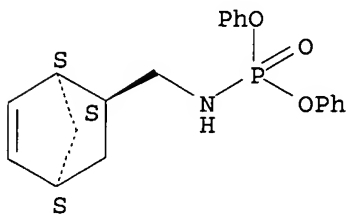
REFERENCE 1

AN 132:3397 CA
 TI Stereochemical aspect of epoxidation of phosphonic amides from norbornane series
 AU Kas'yan, A. O.; Tarabara, I. N.; Kas'yan, L. I.
 CS Ukraine State Chemical Technology University, Dnepropetrovsk, Russia
 SO Russian Journal of Organic Chemistry (Translation of Zhurnal Organicheskoi Khimii) (1999), 35(4), 626-627
 CODEN: RJOCEQ; ISSN: 1070-4280
 PB MAIK Nauka/Interperiodica Publishing
 DT Journal
 LA English
 RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 34 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN

RN 250784-13-5 REGISTRY
 CN Phosphoramidic acid, [(1R,2R,4R)-bicyclo[2.2.1]hept-5-en-2-ylmethyl]-, diphenyl ester, rel- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C20 H22 N O3 P
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

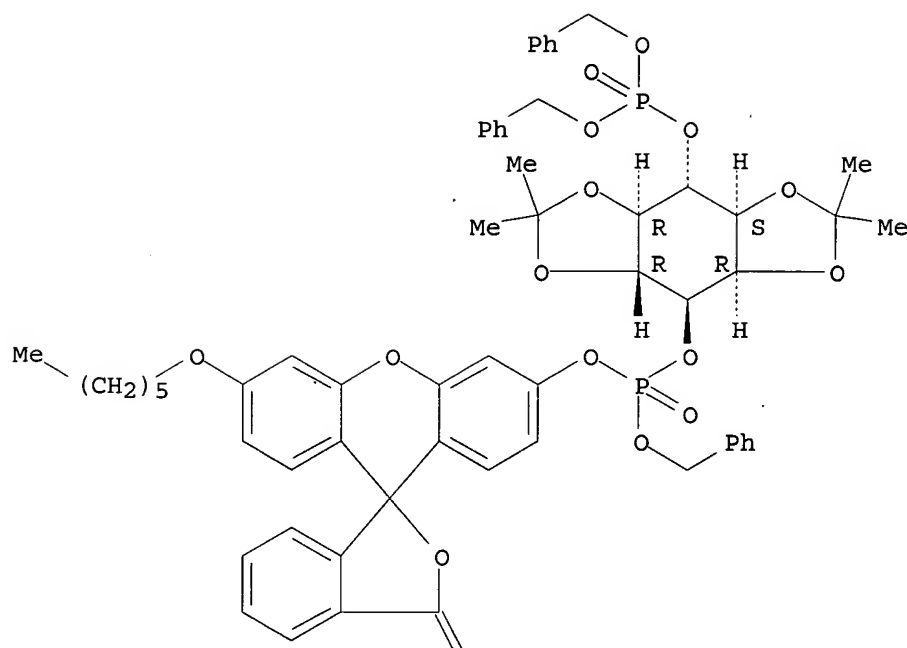
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 132:3397 CA
 TI Stereochemical aspect of epoxidation of phosphonic amides from norbornane series
 AU Kas'yan, A. O.; Tarabara, I. N.; Kas'yan, L. I.
 CS Ukraine State Chemical Technology University, Dnepropetrovsk, Russia
 SO Russian Journal of Organic Chemistry (Translation of Zhurnal Organicheskoi Khimii) (1999), 35(4), 626-627
 CODEN: RJOCEQ; ISSN: 1070-4280
 PB MAIK Nauka/Interperiodica Publishing
 DT Journal
 LA English
 RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 35 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 233764-72-2 REGISTRY
 CN myo-Inositol, 1,2:4,5-bis-O-(1-methylethylidene)-, 6-[bis(phenylmethyl) phosphate] 3-[6'-(hexyloxy)-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3'-yl phenylmethyl phosphate] (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C59 H62 O16 P2
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.



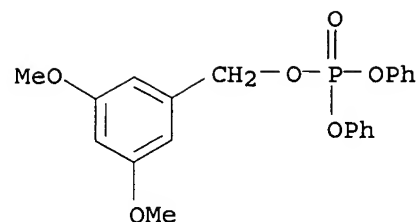
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 131:127297 CA
TI Synthesis of a new fluorogenic substrate for the continuous assay of mammalian phosphoinositide-specific phospholipase C
AU Rukavishnikov, Aleksey V.; Zaikova, Tatiana O.; Birrell, G. Bruce; Keana, John F. W.; Griffith, O. Hayes
CS Department of Chemistry, University of Oregon, Eugene, OR, 97403, USA
SO Bioorganic & Medicinal Chemistry Letters (1999), 9(8), 1133-1136
CODEN: BMCLE8; ISSN: 0960-894X
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 36 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 225656-82-6 REGISTRY
CN Phosphoric acid, (3,5-dimethoxyphenyl)methyl diphenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H21 O6 P
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

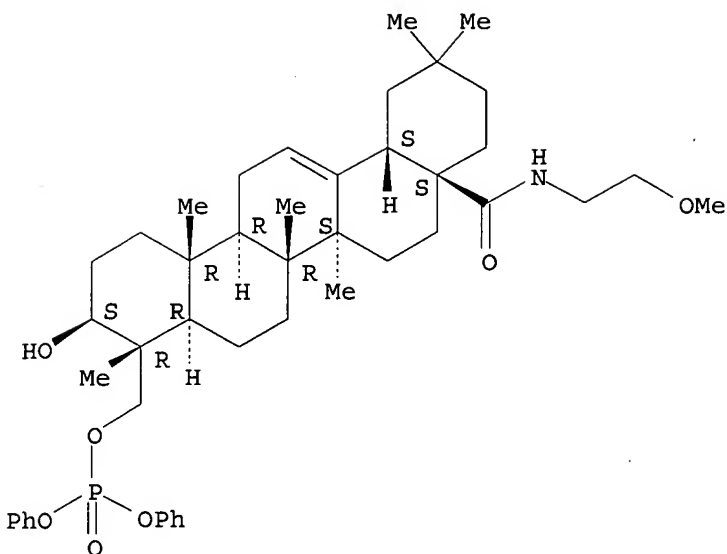
AN 135:195756 CA
TI Efficient Asymmetric Synthesis of Biologically Important Tryptophan Analogues via a Palladium-Mediated Heteroannulation Reaction
AU Ma, Chunrong; Liu, Xiaoxiang; Li, Xiaoyan; Flippen-Anderson, Judith; Yu, Shu; Cook, James M.
CS Department of Chemistry, University of Wisconsin-Milwaukee, Milwaukee, WI, 53201, USA
SO Journal of Organic Chemistry (2001), 66(13), 4525-4542
CODEN: JOCEAH; ISSN: 0022-3263
PB American Chemical Society
DT Journal
LA English
RE.CNT 96 THERE ARE 96 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

AN 131:4927 CA
TI Effect of the leaving group on the alkylation diastereoselectivity of the Schollkopf chiral auxiliary
AU Ma, Chunrong; He, Xiaohui; Liu, Xiaoxiang; Yu, Shu; Zhao, Shuo; Cook, James M.
CS Department of Chemistry, University of Wisconsin-Milwaukee, Milwaukee, WI, 53201, USA
SO Tetrahedron Letters (1999), 40(15), 2917-2918
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 37 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 219551-54-9 REGISTRY
CN Olean-12-en-28-amide, 23-[(diphenoxyphosphinyl)oxy]-3-hydroxy-N-(2-methoxyethyl)-, (3.beta.,4.alpha.)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C45 H64 N O7 P
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 130:95698 CA
TI Triterpene derivatives and medicinal composition
IN Segawa, Jun; Matsuoka, Masato; Yoshifusa, Hiroto; Nakamura, Akio
PA Nippon Shinyaku Co., Ltd., Japan
SO PCT Int. Appl., 150 pp.
CODEN: PIXXD2

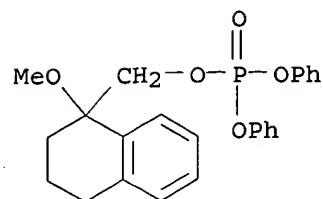
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9858946	A1	19981230	WO 1998-JP2779	19980619
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9880382	A1	19990104	AU 1998-80382	19980619
PRAI	JP 1997-167484		19970624		
	WO 1998-JP2779		19980619		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 38 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 208760-25-2 REGISTRY
CN Phosphoric acid, diphenyl (1,2,3,4-tetrahydro-1-methoxy-1-naphthalenyl)methyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H25 O5 P
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 132:94655 CA
TI Trisubstituted pyridine dyes
IN Marshall, John L.
PA Polaroid Corp., USA
SO U.S., 38 pp., Cont.-in-part of U. S. 5,914,213.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6015907	A	20000118	US 1997-979375	19971126
	US 6110638	A	20000829	US 1996-757195	19961127
	US 6004719	A	19991221	US 1997-858659	19970519
	US 5914213	A	19990622	US 1997-944284	19971006
PRAI	US 1996-757195		19961127		
	US 1997-858659		19970519		
	US 1997-944284		19971006		
	US 1994-232725		19940425		
	US 1995-430420		19950428		

RE.CNT 76 THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

AN 129:74063 CA
TI Process and composition for generating acid for imaging compositions
IN Grasshoff, Jurgen M.; Marshall, John L.; Minns, Richard A.; Ramos, Socorro M.; Stroud, Stephen G.; Telfer, Stephen J.; Yang, Haixin; Boggs, Roger A.; Kolb, Eric S.
PA Polaroid Corporation, USA; Grasshoff, Jurgen M.; Marshall, John L.; Minns, Richard A.; Ramos, Socorro M.; Stroud, Stephen G.; Telfer, Stephen J.; Yang, Haixin; Boggs, Roger A.; Kolb, Eric S.
SO PCT Int. Appl., 97 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9824000	A1	19980604	WO 1997-US21856	19971126
	W: CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6110638	A	20000829	US 1996-757195	19961127
	US 6004719	A	19991221	US 1997-858659	19970519
	US 5914213	A	19990622	US 1997-944284	19971006
	EP 951661	A1	19991027	EP 1997-947637	19971126
	R: DE, FR, GB, IT, NL				
PRAI	US 1996-757195		19961127		
	US 1997-858659		19970519		
	US 1997-944284		19971006		
	US 1994-232725		19940425		

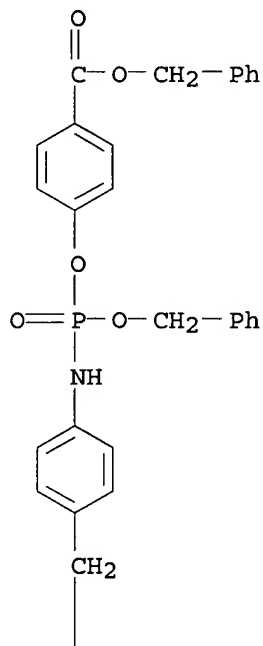
US 1995-430420 19950428

WO 1997-US21856 19971126

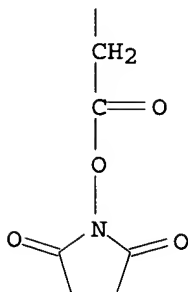
RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 39 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 206869-99-0 REGISTRY
CN Benzoic acid, 4-[[[4-[3-[(2,5-dioxo-1-pyrrolidinyl)oxy]-3-oxopropyl]phenyl]amino](phenylmethoxy)phosphinyl]oxy]-, phenylmethyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C34 H31 N2 O9 P
SR CA
LC STN Files: CA, CAPLUS

PAGE 1-A



PAGE 2-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

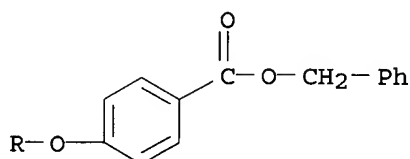
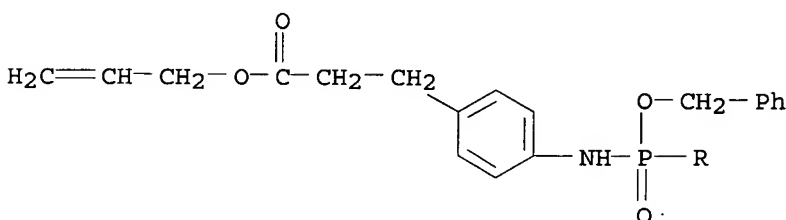
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 128:321692 CA

TI A general method for the synthesis of O-alkyl N,O'-arylphosphoramidates and its application to the synthesis of a transition state analog for carbamate hydrolysis
 AU Taylor, Scott D.; Chen, Mei-Jin; Dinaut, A. Nicole; Batey, Robert A.
 CS Department of Chemistry, University of Toronto, Mississauga, ON, L5L 1C6, Can.
 SO Tetrahedron (1998), 54(17), 4223-4242
 CODEN: TETRAB; ISSN: 0040-4020
 PB Elsevier Science Ltd.
 DT Journal
 LA English
 RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 40 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 206869-98-9 REGISTRY
 CN Benzenepropanoic acid, 4-[[[(phenylmethoxy) [4-[(phenylmethoxy)carbonyl]phenoxylphosphinyl]amino]-, 2-propenyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C33 H32 N O7 P
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

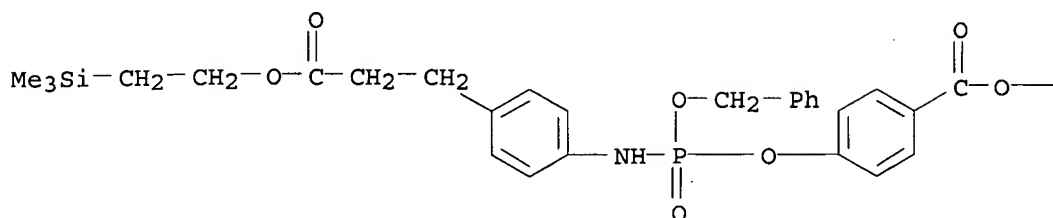
REFERENCE 1

AN 128:321692 CA
 TI A general method for the synthesis of O-alkyl N,O'-arylphosphoramidates and its application to the synthesis of a transition state analog for carbamate hydrolysis
 AU Taylor, Scott D.; Chen, Mei-Jin; Dinaut, A. Nicole; Batey, Robert A.
 CS Department of Chemistry, University of Toronto, Mississauga, ON, L5L 1C6, Can.
 SO Tetrahedron (1998), 54(17), 4223-4242
 CODEN: TETRAB; ISSN: 0040-4020
 PB Elsevier Science Ltd.
 DT Journal
 LA English
 RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 41 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 206869-96-7 REGISTRY
 CN Benzenepropanoic acid, 4-[[[(phenylmethoxy) [4-[(phenylmethoxy)carbonyl]phenoxylphosphinyl]amino]-, 2-(trimethylsilyl)ethyl ester (9CI) (CA INDEX

NAME)
 FS 3D CONCORD
 MF C35 H40 N 07 P Si
 SR CA
 LC STN Files: CA, CAPLUS

PAGE 1-A



PAGE 1-B

—CH₂—Ph

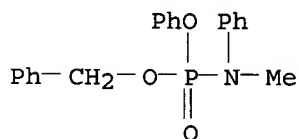
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1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 128:321692 CA
 TI A general method for the synthesis of O-alkyl N,O'-arylphosphoramidates and its application to the synthesis of a transition state analog for carbamate hydrolysis
 AU Taylor, Scott D.; Chen, Mei-Jin; Dinaut, A. Nicole; Batey, Robert A.
 CS Department of Chemistry, University of Toronto, Mississauga, ON, L5L 1C6, Can.
 SO Tetrahedron (1998), 54(17), 4223-4242
 CODEN: TETRAB; ISSN: 0040-4020
 PB Elsevier Science Ltd.
 DT Journal
 LA English
 RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 42 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN.
 RN 206869-86-5 REGISTRY
 CN Phosphoramidic acid, methylphenyl-, phenyl phenylmethyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H20 N O3 P
 SR CA
 LC STN Files: CA, CAPLUS



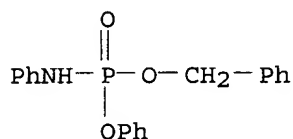
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 128:321692 CA
TI A general method for the synthesis of O-alkyl N,O'-arylphosphoramidates
and its application to the synthesis of a transition state analog for
carbamate hydrolysis
AU Taylor, Scott D.; Chen, Mei-Jin; Dinaut, A. Nicole; Batey, Robert A.
CS Department of Chemistry, University of Toronto, Mississauga, ON, L5L 1C6,
Can.
SO Tetrahedron (1998), 54(17), 4223-4242
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 43 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 206869-85-4 REGISTRY
CN Phosphoramidic acid, phenyl-, phenyl phenylmethyl ester (9CI) (CA INDEX
NAME)
FS 3D CONCORD
MF C19 H18 N O3 P
SR CA
LC STN Files: CA, CAPLUS



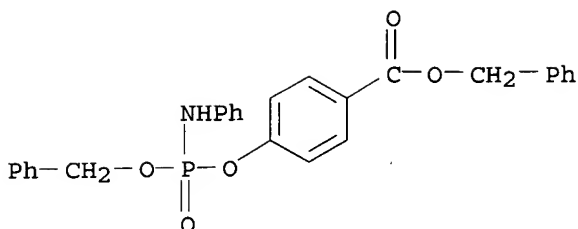
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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 128:321692 CA
TI A general method for the synthesis of O-alkyl N,O'-arylphosphoramidates
and its application to the synthesis of a transition state analog for
carbamate hydrolysis
AU Taylor, Scott D.; Chen, Mei-Jin; Dinaut, A. Nicole; Batey, Robert A.
CS Department of Chemistry, University of Toronto, Mississauga, ON, L5L 1C6,
Can.
SO Tetrahedron (1998), 54(17), 4223-4242
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 44 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 206869-84-3 REGISTRY
CN Benzoic acid, 4-[[[(phenylamino)(phenylmethoxy)phosphinyl]oxy]-,
phenylmethyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C27 H24 N O5 P
SR CA
LC STN Files: CA, CAPLUS



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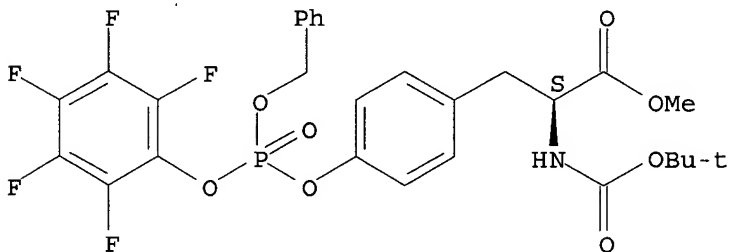
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 128:321692 CA
TI A general method for the synthesis of O-alkyl N,O'-arylphosphoramidates and its application to the synthesis of a transition state analog for carbamate hydrolysis
AU Taylor, Scott D.; Chen, Mei-Jin; Dinaut, A. Nicole; Batey, Robert A.
CS Department of Chemistry, University of Toronto, Mississauga, ON, L5L 1C6, Can.
SO Tetrahedron (1998), 54(17), 4223-4242
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 45 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 205500-73-8 REGISTRY
CN L-Tyrosine, N-[(1,1-dimethylethoxy)carbonyl]-, methyl ester, pentafluorophenyl phenylmethyl phosphate (ester) (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C28 H27 F5 N O8 P
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

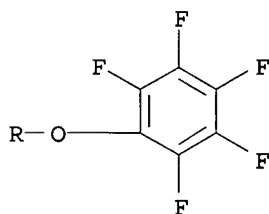
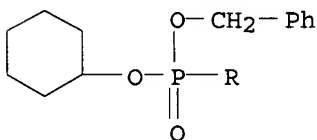
REFERENCE 1

AN 128:270869 CA
TI Phosphorylating reagents for solid-phase synthesis of phosphorylated peptides
IN Gani, David; Hillier, Mark; Hormozdiari, Pantea
PA University Court of the University of St. Andrews, UK; Gani, David;

Hillier, Mark; Hormozdiari, Pantea
 SO PCT Int. Appl., 32 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9812201	A1	19980326	WO 1997-GB2592	19970923
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9743139	A1	19980414	AU 1997-43139	19970923
	EP 931085	A1	19990728	EP 1997-941117	19970923
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRAI	GB 1996-19768		19960923		
	WO 1997-GB2592		19970923		
RE.CNT	7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L2 ANSWER 46 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 205500-72-7 REGISTRY
 CN Phosphoric acid, cyclohexyl pentafluorophenyl phenylmethyl ester (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C19 H18 F5 O4 P
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

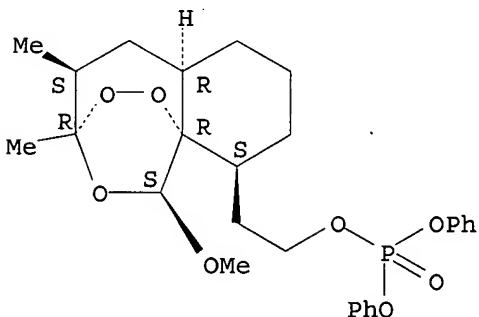
AN 128:270869 CA
 TI Phosphorylating reagents for solid-phase synthesis of phosphorylated peptides
 IN Gani, David; Hillier, Mark; Hormozdiari, Pantea
 PA University Court of the University of St. Andrews, UK; Gani, David; Hillier, Mark; Hormozdiari, Pantea
 SO PCT Int. Appl., 32 pp.
 CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9812201	A1	19980326	WO 1997-GB2592	19970923
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9743139	A1	19980414	AU 1997-43139	19970923
	EP 931085	A1	19990728	EP 1997-941117	19970923
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
PRAI	GB 1996-19768		19960923		
	WO 1997-GB2592		19970923		
RE.CNT	7	THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L2 ANSWER 47 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 204507-09-5 REGISTRY
CN Phosphoric acid, 2-(octahydro-10-methoxy-3,4-dimethyl-3,9a-(epoxymethano)-9aH-1,2-benzodioxepin-9-yl)ethyl diphenyl ester,
(3.alpha.,4.beta.,5a.beta.,9a.alpha.,10S*)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C27 H35 O8 P
SR CA
LC STN Files: CA, CAPLUS

Relative stereochemistry.



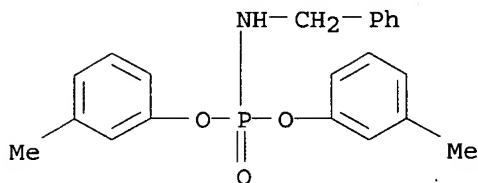
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

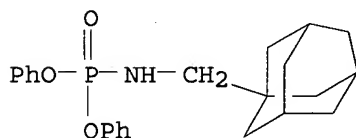
AN 128:225672 CA
TI Design, Synthesis, Derivatization, and Structure-Activity Relationships of Simplified, Tricyclic, 1,2,4-Trioxane Alcohol Analogs of the Antimalarial Artemisinin
AU Cumming, Jared N.; Wang, Dasong; Park, Sheldon B.; Shapiro, Theresa A.; Posner, Gary H.
CS Department of Chemistry School of Arts and Sciences, Johns Hopkins University, Baltimore, MD, 21218, USA
SO Journal of Medicinal Chemistry (1998), 41(6), 952-964
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English

L2 ANSWER 48 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 202056-46-0 REGISTRY
 CN Phosphoramidic acid, (phenylmethyl)-, bis(3-methylphenyl) ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C21 H22 N O3 P
 SR CAS Registry Services
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 ANSWER 49 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 201996-90-9 REGISTRY
 CN Phosphoramidic acid, (tricyclo[3.3.1.1^{3,7}]dec-1-ylmethyl)-, diphenyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C23 H28 N O3 P
 SR CAS Registry Services
 LC STN Files: CA, CAPLUS, CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

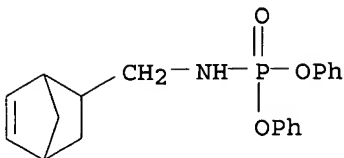
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 129:40769 CA
 TI Amines and sulfonamides containing an adamantane fragment. Theoretical and experimental study
 AU Kas'yan, A. O.; Okovityi, S. I.; Krasnovskaya, O. Yu.; Kas'yan, L. I.
 CS Dnepropetrovsk State University, Dnepropetrovsk, 320625, Ukraine
 SO Russian Journal of Organic Chemistry (Translation of Zhurnal Organicheskoi Khimii) (1997), 33(7), 985-990
 CODEN: RJOCEQ; ISSN: 1070-4280
 PB MAIK Nauka/Interperiodica Publishing
 DT Journal
 LA English
 RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

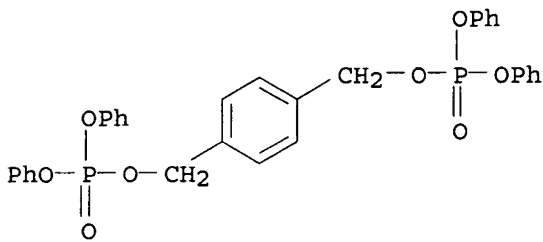
L2 ANSWER 50 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 201350-17-6 REGISTRY
 CN Phosphoramidic acid, (bicyclo[2.2.1]hept-5-en-2-ylmethyl)-, diphenyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H22 N O3 P

SR CAS Registry Services
LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 ANSWER 51 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 188716-26-9 REGISTRY
CN Phosphoric acid, 1,4-phenylenebis(methylene) tetraphenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C32 H28 O8 P2
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2 REFERENCES IN FILE CAPLUS. (1907 TO DATE)

REFERENCE 1

AN 135:344286 CA
TI Preparation of phosphoric acid triesters as flame retardants, plasticizers, or stabilizers
IN Onchi, Yoko; Takahashi, Ikuo
PA Daicel Chemical Industries, Ltd., Japan
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081356	A1	20011101	WO 2001-JP3423	20010420
	W: CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	EP 1277758	A1	20030122	EP 2001-921971	20010420
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	TW 523520	B	20030311	TW 2001-90109890	20010425
	US 2003109736	A1	20030612	US 2001-18971	20011226
PRAI	JP 2000-125777	20000426			
	JP 2000-125778	20000426			

JP 2000-125779 20000426
JP 2000-247140 20000817
JP 2000-339664 20001107
WO 2001-JP3423 20010420

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

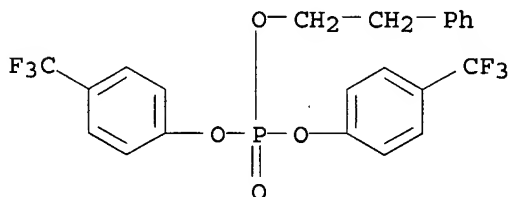
AN 126:251242 CA
TI Preparation of 1,4-cyclohexanedimethanol bis(diaryl phosphate)s as flame
retardants for polymers
IN Bright, Danielle A.
PA Akzo Nobel, Nv, Neth.
SO U.S., 2 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5616770	A	19970401	US 1996-608266	19960228
	WO 9731925	A1	19970904	WO 1997-EP996	19970227
	W: CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
PRAI	US 1996-608266		19960228		

L2 ANSWER 52 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 179030-35-4 REGISTRY
CN Phosphoric acid, 2-phenylethyl bis[4-(trifluoromethyl)phenyl] ester (9CI)
(CA INDEX NAME)

OTHER NAMES:

CN 2-Phenylethyl bis[p-(trifluoromethyl)phenyl] phosphate
FS 3D CONCORD
MF C22 H17 F6 O4 P
SR CA
LC STN Files: CA, CAPLUS



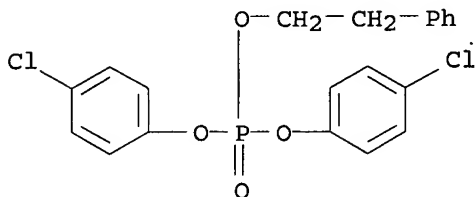
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 125:114760 CA
TI The .beta.-(Phosphatoxy)alkyl Radical Rearrangement. Rate Constants,
Arrhenius Parameters, and Structure Activity Relationships
AU Crich, David; Jiao, Xian-Yun
CS Department of Chemistry, University of Illinois, Chicago, IL, 60607-7061,
USA
SO Journal of the American Chemical Society (1996), 118(28), 6666-6670
CODEN: JACSAT; ISSN: 0002-7863
PB American Chemical Society
DT Journal
LA English
L2 ANSWER 53 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN

RN 179030-34-3 REGISTRY
 CN Phosphoric acid, bis(4-chlorophenyl) 2-phenylethyl ester (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN Bis(p-chlorophenyl) 2-phenylethyl phosphate
 FS 3D CONCORD
 MF C20 H17 Cl2 O4 P
 SR CA
 LC STN Files: CA, CAPLUS



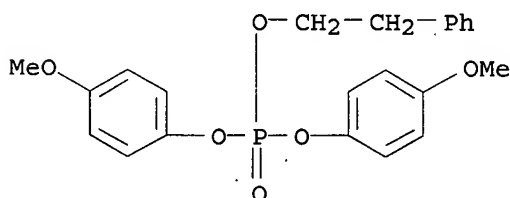
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 125:114760 CA
 TI The .beta.-(Phosphatoxy)alkyl Radical Rearrangement. Rate Constants, Arrhenius Parameters, and Structure Activity Relationships
 AU Crich, David; Jiao, Xian-Yun
 CS Department of Chemistry, University of Illinois, Chicago, IL, 60607-7061, USA
 SO Journal of the American Chemical Society (1996), 118(28), 6666-6670
 CODEN: JACSAT; ISSN: 0002-7863
 PB American Chemical Society
 DT Journal
 LA English

L2 ANSWER 54 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 179030-33-2 REGISTRY
 CN Phosphoric acid, bis(4-methoxyphenyl) 2-phenylethyl ester (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN Bis(p-methoxyphenyl) 2-phenylethyl phosphate
 FS 3D CONCORD
 MF C22 H23 O6 P
 SR CA
 LC STN Files: CA, CAPLUS



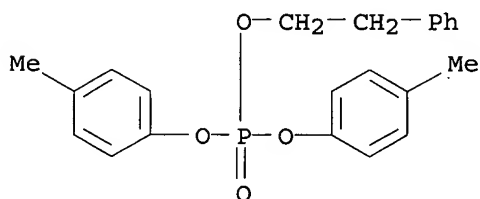
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 125:114760 CA
 TI The .beta.-(Phosphatoxy)alkyl Radical Rearrangement. Rate Constants, Arrhenius Parameters, and Structure Activity Relationships
 AU Crich, David; Jiao, Xian-Yun
 CS Department of Chemistry, University of Illinois, Chicago, IL, 60607-7061, USA
 SO Journal of the American Chemical Society (1996), 118(28), 6666-6670
 CODEN: JACSAT; ISSN: 0002-7863
 PB American Chemical Society
 DT Journal
 LA English

L2 ANSWER 55 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 179030-32-1 REGISTRY
 CN Phosphoric acid, bis(4-methylphenyl) 2-phenylethyl ester (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN Bis(p-methylphenyl) 2-phenylethyl phosphate
 FS 3D CONCORD
 MF C22 H23 O4 P
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

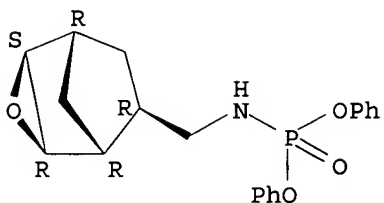
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 125:114760 CA
 TI The .beta.-(Phosphatoxy)alkyl Radical Rearrangement. Rate Constants, Arrhenius Parameters, and Structure Activity Relationships
 AU Crich, David; Jiao, Xian-Yun
 CS Department of Chemistry, University of Illinois, Chicago, IL, 60607-7061, USA
 SO Journal of the American Chemical Society (1996), 118(28), 6666-6670
 CODEN: JACSAT; ISSN: 0002-7863
 PB American Chemical Society
 DT Journal
 LA English

L2 ANSWER 56 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 175231-65-9 REGISTRY
 CN Phosphoramidic acid, [(1R,2S,4R,5R,6R)-3-oxatricyclo[3.2.1.0^{2,4}]oct-6-ylmethyl]-, diphenyl ester, rel- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Phosphoramidic acid, (3-oxatricyclo[3.2.1.0^{2,4}]oct-6-ylmethyl)-, diphenyl ester, (1.alpha.,2.beta.,4.beta.,5.alpha.,6.alpha.)-
 FS STEREOSEARCH
 MF C20 H22 N O4 P
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

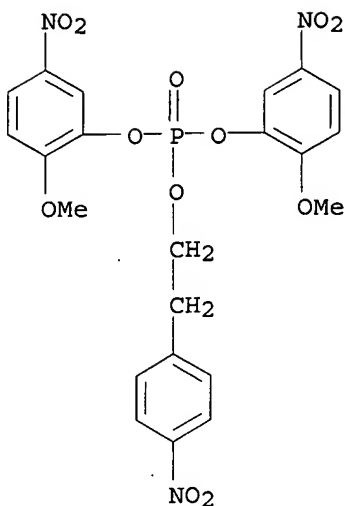
REFERENCE 1

AN 132:3397 CA
TI Stereochemical aspect of epoxidation of phosphonic amides from norbornane series
AU Kas'yan, A. O.; Tarabara, I. N.; Kas'yan, L. I.
CS Ukraine State Chemical Technology University, Dnepropetrovsk, Russia
SO Russian Journal of Organic Chemistry (Translation of Zhurnal Organicheskoi Khimii) (1999), 35(4), 626-627
CODEN: RJOCEQ; ISSN: 1070-4280
PB MAIK Nauka/Interperiodica Publishing
DT Journal
LA English
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

AN 124:260718 CA
TI Epoxide derivatives of N-(arylsulfonyl)bicyclo[2.2.1]hept-2-ene-exo-5-methylamines
AU Kas'yan, L. I.; Kas'yan, A. O.; Gorb, L. G.; Klebanov, B. M.
CS Dnepropetr. Gos. Univ., Ukraine
SO Zhurnal Organicheskoi Khimii (1995), 31(5), 678-88
CODEN: ZORKAE; ISSN: 0514-7492
PB Nauka
DT Journal
LA Russian

L2 ANSWER 57 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 161772-18-5 REGISTRY
CN Phosphoric acid, bis(2-methoxy-5-nitrophenyl) 2-(4-nitrophenyl)ethyl ester (9CI) (CA INDEX NAME)
MF C22 H20 N3 O12 P
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

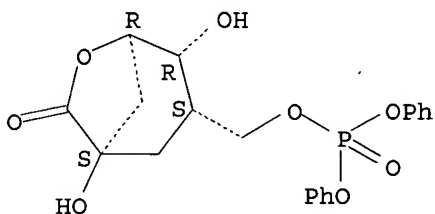
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 123:56035 CA
TI Phosphomonoesters and phosphodiester derived from the photohydrolysis of 2-methoxy-5-nitrophenyl substituted phosphotriesters
AU Graciani, Nilsa R.; Swanson, Daniel S.; Kelley, Jeffery W.
CS Dep. Chem., Texas A and M Univ., College Station, TX, 77843-3255, USA
SO Tetrahedron (1995), 51(4), 1077-86
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier
DT Journal
LA English

L2 ANSWER 58 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 160911-92-2 REGISTRY
CN Phosphoric acid, (1,4-dihydroxy-7-oxo-6-oxabicyclo[3.2.1]oct-3-yl)methyl diphenyl ester, [1S-(endo,endo)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C20 H21 O8 P
SR CA
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

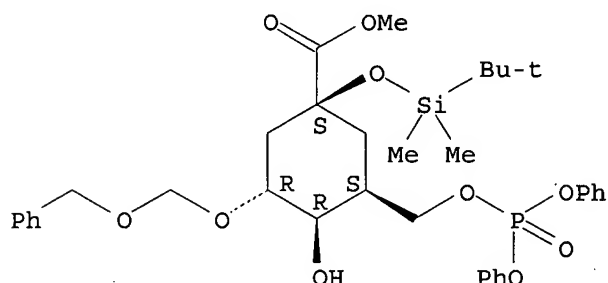
REFERENCE 1

AN 122:127367 CA

TI Inversion of an Asymmetric Center in Carbocyclic Inhibitors of
 3-Dehydroquinase Synthase: Examining and Exploiting the Mechanism for
 syn-Elimination during Substrate Turnover
 AU Montchamp, Jean-Luc; Peng, Jirong; Frost, J. W.
 CS Department of Chemistry, Michigan State University, East Lansing, MI,
 48824, USA
 SO Journal of Organic Chemistry (1994), 59(23), 6999-7007
 CODEN: JOCEAH; ISSN: 0022-3263
 DT Journal
 LA English

L2 ANSWER 59 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 160911-91-1 REGISTRY
 CN Cyclohexanecarboxylic acid, 1-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]-3-
 [[(diphenoxyphosphinyl)oxy]methyl]-4-hydroxy-5-[(phenylmethoxy)methoxy]-,
 methyl ester, [1S-(1.alpha.,3.alpha.,4.alpha.,5.beta.)]- (9CI) (CA INDEX
 NAME)
 FS STEREOSEARCH
 MF C35 H47 O10 P Si
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

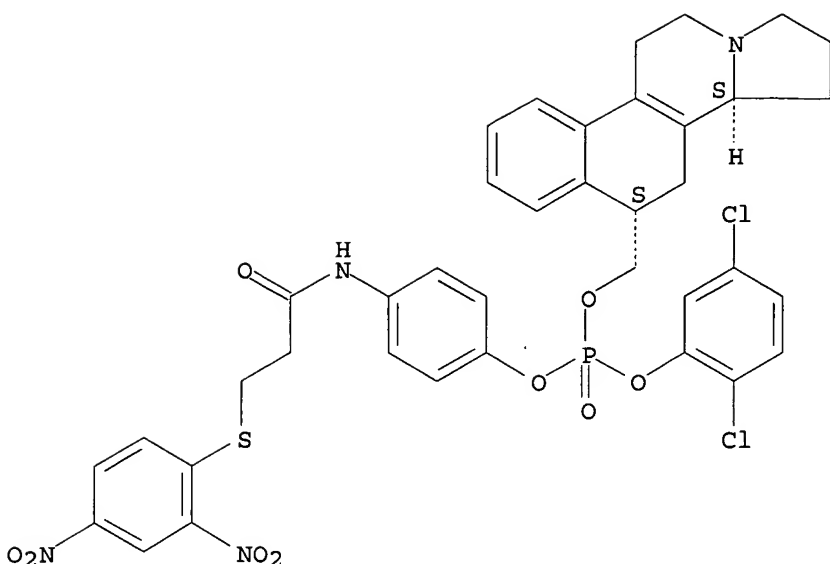
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 122:127367 CA
 TI Inversion of an Asymmetric Center in Carbocyclic Inhibitors of
 3-Dehydroquinase Synthase: Examining and Exploiting the Mechanism for
 syn-Elimination during Substrate Turnover
 AU Montchamp, Jean-Luc; Peng, Jirong; Frost, J. W.
 CS Department of Chemistry, Michigan State University, East Lansing, MI,
 48824, USA
 SO Journal of Organic Chemistry (1994), 59(23), 6999-7007
 CODEN: JOCEAH; ISSN: 0022-3263
 DT Journal
 LA English

L2 ANSWER 60 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 160706-08-1 REGISTRY
 CN Phosphoric acid, 2,5-dichlorophenyl 4-[[[3-[(2,4-dinitrophenyl)thio]-1-
 oxopropyl]amino]phenyl (5,6,8,9,10,10a,11,12-octahydrobenzo[f]pyrrolo[2,1-
 a]isoquinolin-12-yl)methyl ester, (10a.alpha.,12.alpha.)- (9CI) (CA INDEX
 NAME)
 FS STEREOSEARCH
 MF C38 H35 Cl2 N4 O9 P S
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.



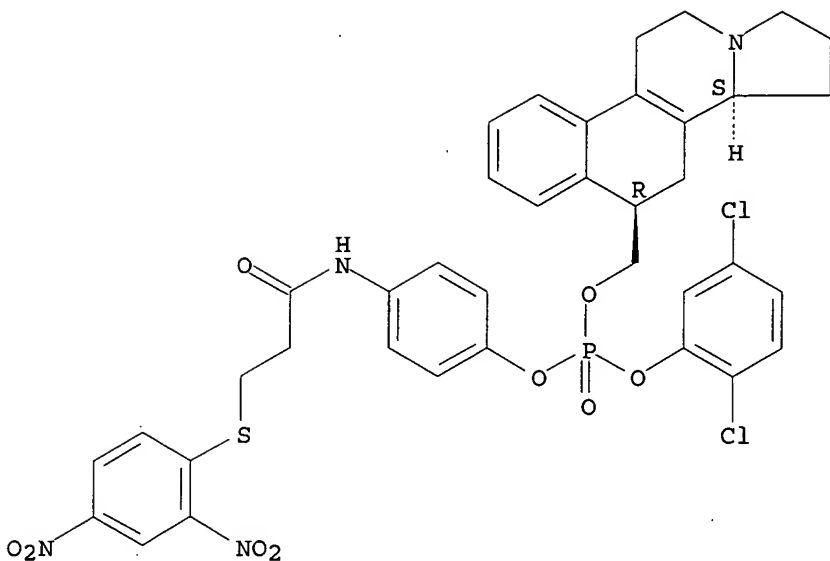
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 122:106235 CA
TI Design and synthesis of transition-state analogs for a cationic cyclization
AU Bell, Ian M.; Abell, Chris; Leeper, Finian J.
CS Univ. Chem. Lab., Cambridge, CB2 1EW, UK
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1994), (14), 1997-2006
CODEN: JCPRB4; ISSN: 0300-922X
DT Journal
LA English
L2 ANSWER 61 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 160580-87-0 REGISTRY
CN Phosphoric acid, 2,5-dichlorophenyl 4-[[3-[(2,4-dinitrophenyl)thio]-1-oxopropyl]amino]phenyl (5,6,8,9,10,10a,11,12-octahydrobenzo[f]pyrrolo[2,1-a]isoquinolin-12-yl)methyl ester, (10a.alpha.,12.beta.)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H35 Cl2 N4 O9 P S
SR CA
LC STN Files: CA, CAPLUS

Relative stereochemistry.



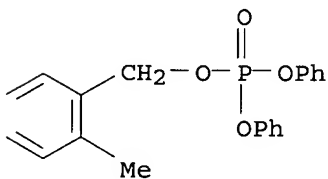
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 122:106235 CA
TI Design and synthesis of transition-state analogs for a cationic cyclization
AU Bell, Ian M.; Abell, Chris; Leeper, Finian J.
CS Univ. Chem. Lab., Cambridge, CB2 1EW, UK
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1994), (14), 1997-2006
CODEN: JCPRB4; ISSN: 0300-922X
DT Journal
LA English

L2 ANSWER 62 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 160369-99-3 REGISTRY
CN Phosphoric acid, (2-methylphenyl)methyl diphenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H19 O4 P
SR CAS Registry Services

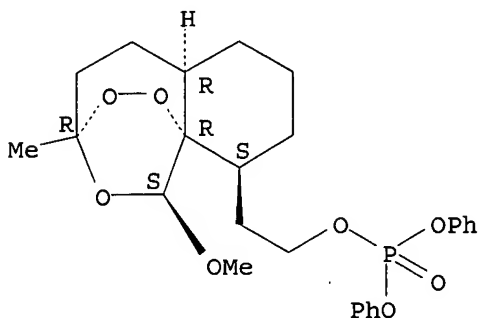


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 ANSWER 63 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 157660-26-9 REGISTRY
CN Phosphoric acid, 2-(octahydro-10-methoxy-3-methyl-3,9a-(epoxymethano)-9aH-1,2-benzodioxepin-9-yl)ethyl diphenyl ester, [3R-(3.alpha.,5a.beta.,9.alpha.,9a.alpha.,10S*)]- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:

CN 3,9a-(Epoxy-methano)-9aH-1,2-benzodioxepin, phosphoric acid deriv.
 FS STEREOSEARCH
 MF C26 H33 O8 P
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.



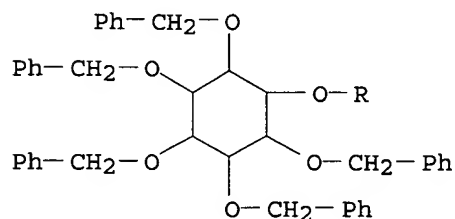
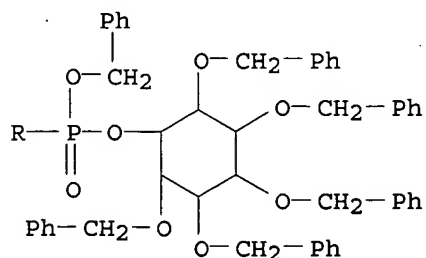
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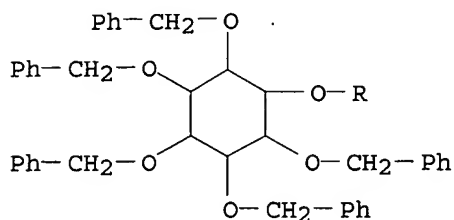
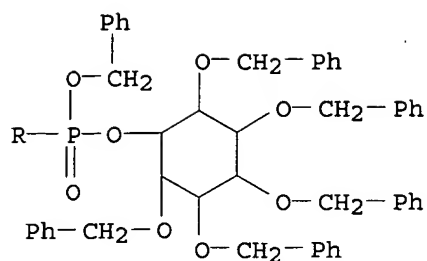
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 121:195015 CA
 TI New, antimalarial, tricyclic 1,2,4-trioxanes: Evaluations in mice and monkeys
 AU Posner, Gary H.; Oh, Chang H.; Webster, H. Kyle; Ager, Arba L. Jr.; Rossan, Richard N.
 CS Dep. Chem., Johns Hopkins Univ., Baltimore, MD, USA
 SO American Journal of Tropical Medicine and Hygiene (1994), 50(4), 522-6
 CODEN: AJTHAB; ISSN: 0002-9637
 DT Journal
 LA English

L2 ANSWER 64 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 157659-85-3 REGISTRY
 CN D-myo-Inositol, 2,3,4,5,6-pentakis-O-(phenylmethyl)-, 1,1'-(phenylmethyl phosphate) (9CI) (CA INDEX NAME)
 MF C89 H89 O14 P
 SR CA
 LC STN Files: CA, CAPLUS



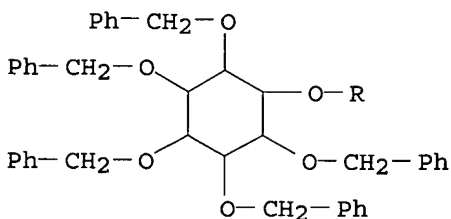
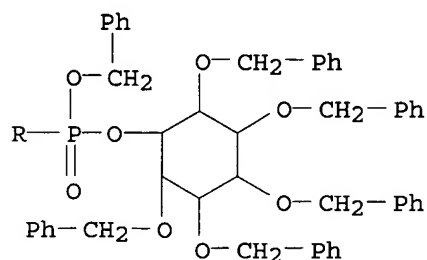


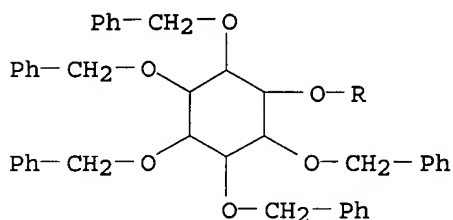
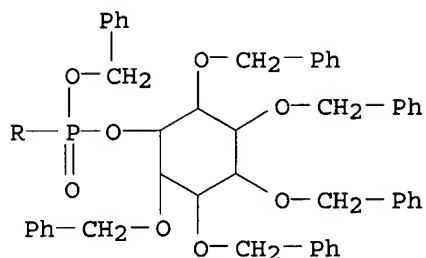
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 121:180042 CA
TI Synthesis of LL-di-myo-inositol-1,1'-phosphate: a novel inositol phosphate from *Pyrococcus woesei*
AU van Leeuwen, S. H.; van der Marel, G. A.; Hensel, R.; van Boom, J. H.
CS Gorlaeus Lab., Leiden Inst. Chem., Leiden, 2300 RA, Neth.
SO Recueil des Travaux Chimiques des Pays-Bas (1994), 113(6), 335-6
CODEN: RTCPA3; ISSN: 0165-0513
DT Journal
LA English
L2 ANSWER 65 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 157659-84-2 REGISTRY
CN myo-Inositol, 1,2,4,5,6-pentakis-O-(phenylmethyl)-, 3,3'-(phenylmethyl phosphate) (9CI) (CA INDEX NAME)
MF C89 H89 O14 P
SR CA
LC STN Files: CA, CAPLUS





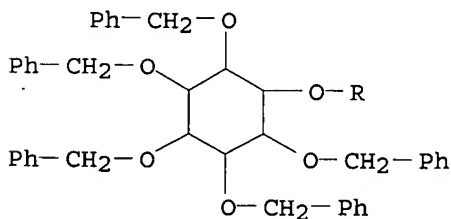
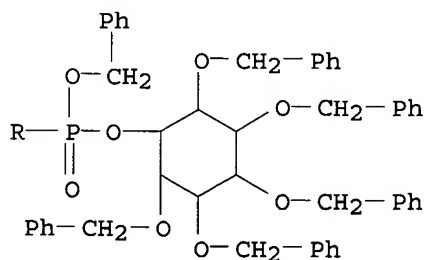
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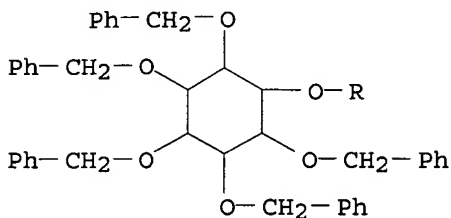
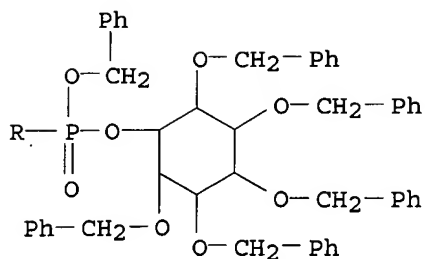
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 121:180042 CA
TI Synthesis of LL-di-myo-inositol-1,1'-phosphate: a novel inositol phosphate from *Pyrococcus woesei*
AU van Leeuwen, S. H.; van der Marel, G. A.; Hensel, R.; van Boom, J. H.
CS Gorlaeus Lab., Leiden Inst. Chem., Leiden, 2300 RA, Neth.
SO Recueil des Travaux Chimiques des Pays-Bas (1994), 113(6), 335-6
CODEN: RTCPA3; ISSN: 0165-0513
DT Journal
LA English

L2 ANSWER 66 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 157598-32-8 REGISTRY
CN D-myo-Inositol, 1,2,4,5,6-pentakis-O-(phenylmethyl)-, 3,3'-(phenylmethyl phosphate) (9CI) (CA INDEX NAME)
MF C89 H89 O14 P
SR CA
LC STN Files: CA, CAPLUS





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

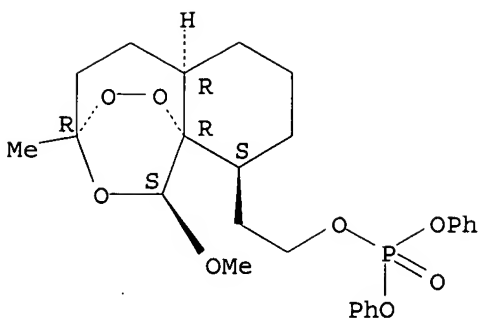
REFERENCE 1

AN 121:180042 CA
TI Synthesis of LL-di-myo-inositol-1,1'-phosphate: a novel inositol phosphate from *Pyrococcus woesei*
AU van Leeuwen, S. H.; van der Marel, G. A.; Hensel, R.; van Boom, J. H.
CS Gorlaeus Lab., Leiden Inst. Chem., Leiden, 2300 RA, Neth.
SO Recueil des Travaux Chimiques des Pays-Bas (1994), 113(6), 335-6
CODEN: RTCPA3; ISSN: 0165-0513
DT Journal
LA English

L2 ANSWER 67 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 151120-95-5 REGISTRY
CN Phosphoric acid, 2-[(3R,5aR,9S,9aR,10S)-octahydro-10-methoxy-3-methyl-3,9a-(epoxymethano)-9aH-1,2-benzodioxepin-9-yl]ethyl diphenyl ester, rel- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:
CN 3,9a-(Epoxy-methano)-9aH-1,2-benzodioxepin, phosphoric acid deriv.
CN Phosphoric acid, 2-(octahydro-10-methoxy-3-methyl-3,9a-(epoxymethano)-9aH-1,2-benzodioxepin-9-yl)ethyl diphenyl ester, (3.alpha.,5a.beta.,9.alpha.,9a.alpha.,10S*)-
FS STEREOSEARCH
DR 141556-82-3
MF C26 H33 O8 P
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 136:160854 CA
TI Structure-Activity Relationships of the Antimalarial Agent Artemisinin. 6. The Development of Predictive In Vitro Potency Models Using CoMFA and HQSAR Methodologies
AU Avery, Mitchell A.; Alvim-Gaston, Maria; Rodrigues, Carlos R.; Barreiro, Eliezer J.; Cohen, Fred E.; Sabnis, Yogesh A.; Woolfrey, John R.
CS Department of Medicinal Chemistry School of Pharmacy Thad Cochran National Center for Natural Products Research, University of Mississippi, Mississippi, MS, 38677, USA
SO Journal of Medicinal Chemistry (2002), 45(2), 292-303
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
RE.CNT 79 THERE ARE 79 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

AN 128:225672 CA
TI Design, Synthesis, Derivatization, and Structure-Activity Relationships of Simplified, Tricyclic, 1,2,4-Trioxane Alcohol Analogs of the Antimalarial Artemisinin
AU Cumming, Jared N.; Wang, Dasong; Park, Sheldon B.; Shapiro, Theresa A.; Posner, Gary H.
CS Department of Chemistry School of Arts and Sciences, Johns Hopkins University, Baltimore, MD, 21218, USA
SO Journal of Medicinal Chemistry (1998), 41(6), 952-964
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English

REFERENCE 3

AN 119:271438 CA
TI Preparation of 1,2,4-trioxane compounds having antimalarial activity
IN Posner, Gary; Oh, Chang H.
PA Johns Hopkins University, USA
SO U.S., 19 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5225437	A	19930706	US 1992-823960	19920123
	WO 9314756	A1	19930805	WO 1993-US9	19930107

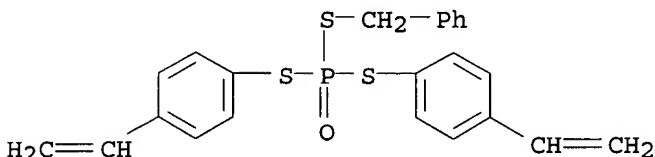
W: CA, JP

RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

PRAI US 1992-823960 19920123

REFERENCE 4

AN 117:26822 CA
TI Extraordinarily potent antimalarial compounds: new, structurally simple, easily synthesized, tricyclic 1,2,4-trioxanes.
AU Posner, Gary H.; Oh, Chang Ho; Gerena, Lucia; Milhous, Wilbur K.
CS Dep. Chem., Johns Hopkins Univ., Baltimore, MD, 21218, USA
SO Journal of Medicinal Chemistry (1992), 35(13), 2459-67
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
L2 ANSWER 68 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 148866-76-6 REGISTRY
CN Phosphorotrithioic acid, S,S-bis(4-ethenylphenyl) S-(phenylmethyl) ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H21 O P S3
SR CA
LC STN Files: CA, CAPLUS



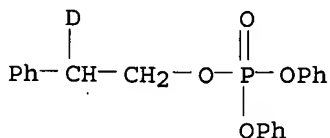
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

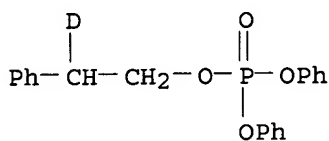
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 119:203628 CA
TI Preparation of phosphate esters as monomers for optical materials
IN Kazama, Hideki; Matsuoka, Shingo
PA Tokuyama Soda Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 39 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI JP 04330083 A2 19921118 JP 1991-99244 19910430
PRAI JP 1991-99244 19910430

L2 ANSWER 69 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 146733-40-6 REGISTRY
CN Phosphoric acid, diphenyl 2-phenylethyl-2-d ester (9CI) (CA INDEX NAME)
MF C20 H18 D O4 P
SR CA
LC STN Files: CA, CAPLUS



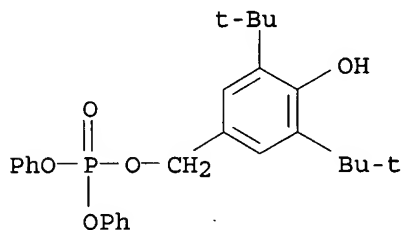


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 118:169204 CA
TI The .beta.-(phosphonooxy)alkyl radical rearrangement
AU Crich, David; Yao, Qingwei
CS Dep. Chem., Univ. Illinois, Chicago, IL, 60607-7061, USA
SO Journal of the American Chemical Society (1993), 115(3), 1165-6
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA English

L2 ANSWER 70 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 143584-16-1 REGISTRY
CN Phosphoric acid, [3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl diphenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C27 H33 O5 P
SR CA
LC STN Files: CA, CAPLUS



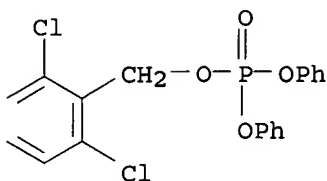
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 117:151079 CA
TI Organophosphorus antioxidants. XII. Synthesis and NMR spectroscopy of organophosphorus antioxidants and related compounds
AU Koenig, T.; Habicher, W. D.; Haehner, H.; Pionteck, J.; Rueger, C.; Schwetlick, K.
CS Inst. Org. Chem. Farbenchem., Tech. Univ., Dresden, Germany
SO Journal fuer Praktische Chemie/Chemiker-Zeitung (1992), 334(4), 333-49
CODEN: JPCCEM; ISSN: 0941-1216
DT Journal
LA German

L2 ANSWER 71 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 142209-23-2 REGISTRY
CN Phosphoric acid, (2,6-dichlorophenyl)methyl diphenyl ester (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 2,6-Dichlorobenzyl diphenyl phosphate
FS 3D CONCORD
MF C19 H15 Cl2 O4 P
SR CA



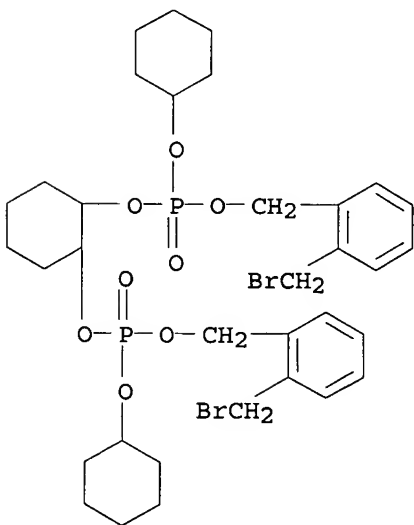
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 117:37302 CA
TI Bond length and reactivity: structure of the diphenyl phosphate ester of 2,6-dichlorobenzyl alcohol
AU Jones, Peter G.; Kirby, Anthony J.; Parker, Jane K.
CS Inst. Anorg. Anal. Chem., Tech. Univ., Braunschweig, 3300, Germany
SO Acta Crystallographica, Section C: Crystal Structure Communications (1992), C48(5), 824-6
CODEN: ACSCEE; ISSN: 0108-2701
DT Journal
LA English

L2 ANSWER 72 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 141033-54-7 REGISTRY
CN Phosphoric acid, P,P'-1,2-cyclohexanediyl P,P'-bis[[2-(bromomethyl)phenyl]methyl] P,P'-dicyclohexyl ester (9CI) (CA INDEX NAME)
MF C34 H48 Br2 O8 P2
SR CA
LC STN Files: CA, CAPLUS



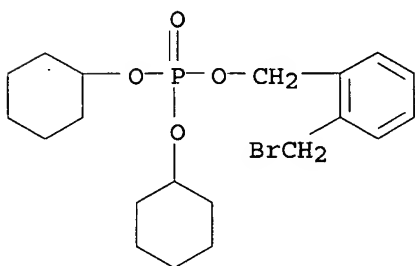
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 116:235729 CA
 TI Utilization of o-xylylene N,N-diethylphosphoramidite for the synthesis of phosphoric diesters
 AU Watanabe, Yutaka; Komoda, Yasunobu; Ozaki, Shoichiro
 CS Fac. Eng., Ehime Univ., Matsuyama, 790, Japan
 SO Tetrahedron Letters (1992), 33(10), 1313-16
 CODEN: TELEAY; ISSN: 0040-4039
 DT Journal
 LA English

L2 ANSWER 73 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 141033-50-3 REGISTRY
 CN Phosphoric acid, [2-(bromomethyl)phenyl]methyl dicyclohexyl ester (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H30 Br O4 P
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)



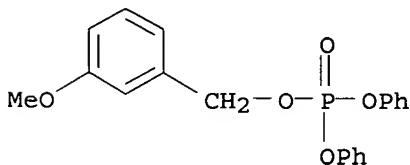
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 116:235729 CA
 TI Utilization of o-xylylene N,N-diethylphosphoramidite for the synthesis of phosphoric diesters
 AU Watanabe, Yutaka; Komoda, Yasunobu; Ozaki, Shoichiro
 CS Fac. Eng., Ehime Univ., Matsuyama, 790, Japan
 SO Tetrahedron Letters (1992), 33(10), 1313-16
 CODEN: TELEAY; ISSN: 0040-4039
 DT Journal
 LA English

L2 ANSWER 74 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 138250-70-1 REGISTRY
 CN Phosphoric acid, (3-methoxyphenyl)methyl diphenyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H19 O5 P
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

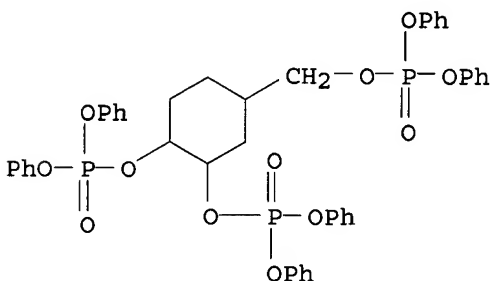
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 116:41095 CA
TI Protection and deprotection of carboxylic acids, phosphoric acids, and sulfonic acids
IN Tsukada, Yoshihisa; Ono, Mitsunori
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03170440	A2	19910724	JP 1989-311556	19891130
PRAI	JP 1989-311556		19891130		

L2 ANSWER 75 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 127233-14-1 REGISTRY
CN Phosphoric acid, 4-[[[(diphenoxyphosphinyl)oxy]methyl]-1,2-cyclohexanediyl tetraphenyl ester, (1.alpha.,2.beta.,4.beta.)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Phosphoric acid, 4-[[[(diphenoxyphosphinyl)oxy]methyl]-1,2-cyclohexanediyl tetraphenyl ester, (1.alpha.,2.beta.,4.beta.)-(.-.-)-
MF C43 H41 O12 P3
SR CA
LC STN Files: CA, CAPLUS, CASREACT



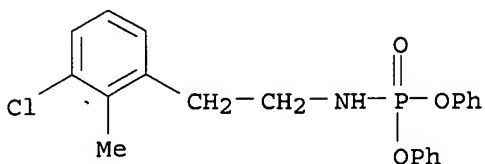
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 113:6471 CA
TI Synthesis of affinity ligands and radioactive probes for isolation and study of myo-Inositol 1,4,5-trisphosphate binding proteins
AU Jina, Arvind N.; Ralph, John; Ballou, Clinton E.
CS Dep. Biochem., Univ. California, Berkeley, CA, 94720, USA
SO Biochemistry (1990), 29(21), 5203-9
CODEN: BICHAW; ISSN: 0006-2960
DT Journal
LA English
L2 ANSWER 76 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 126885-71-0 REGISTRY
CN Phosphoramidic acid, [2-(3-chloro-2-methylphenyl)ethyl]-, diphenyl ester (9CI) (CA INDEX NAME)

FS 3D CONCORD
 MF C21 H21 Cl N O3 P
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

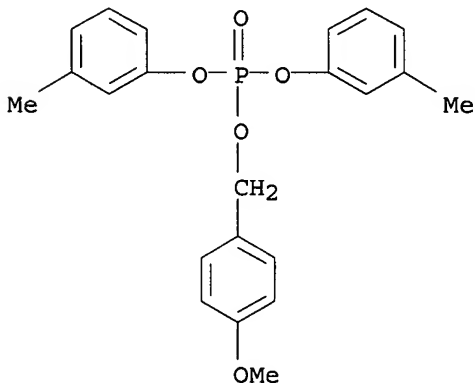
AN 112:197814 CA
 TI Preparation of 3-chloro-2-methylphenethylamines and analogs as herbicides
 IN Hagen, Helmut; Pfister, Juergen; Wuerzer, Bruno; Meyer, Norbert
 PA BASF A.-G., Fed. Rep. Ger.
 SO Eur. Pat. Appl., 30 pp.
 CODEN: EPXXDW

DT Patent
 LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 340709	A1	19891108	EP 1989-107885	19890429
	R: DE, FR, GB, IT				
	DE 3815046	A1	19891116	DE 1988-3815046	19880504
PRAI	DE 1988-3815046		19880504		

L2 ANSWER 77 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 124695-92-7 REGISTRY
 CN Phosphoric acid, (4-methoxyphenyl)methyl bis(3-methylphenyl) ester (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C22 H23 O5 P
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

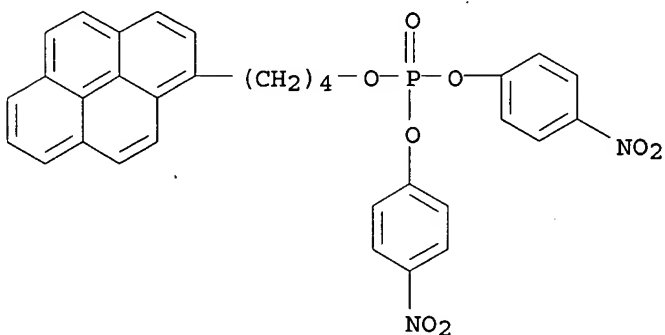
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 112:78938 CA
 TI Manufacture of electrically conductive polyacetylene films
 IN Tanimoto, Fumio; Oomori, Fumihiro; Kitano, Hisao
 PA Institute for Production and Development Science, Japan
 SO Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 01136724	A2	19890530	JP 1987-296843	19871125
PRAI	JP 1987-296843		19871125		

L2 ANSWER 78 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 116953-97-0 REGISTRY
 CN Phosphoric acid, bis(4-nitrophenyl) 4-(1-pyrenyl)butyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C32 H25 N2 O8 P
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

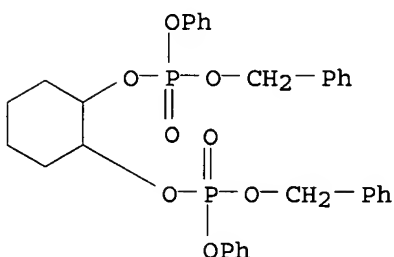
REFERENCE 1

AN 112:113921 CA
 TI Aged and non-aged pyrenebutyl-containing organophosphoryl conjugates of chymotrypsin. Preparation and comparison by phosphorus-31 NMR spectroscopy
 AU Grunwald, Jacob; Segall, Yoffi; Shirin, Ezra; Waysbort, Daniel; Steinberg, Nitza; Silman, Israel; Ashani, Yacov
 CS Israel Inst. Biol. Res., Ness-Ziona, Israel
 SO Biochemical Pharmacology (1989), 38(19), 3157-68
 CODEN: BCPA6; ISSN: 0006-2952
 DT Journal
 LA English

REFERENCE 2

AN 110:71779 CA
 TI Conformational differences between aged and nonaged pyrenebutyl-containing organophosphoryl conjugates of chymotrypsin as detected by optical spectroscopy
 AU Steinberg, N.; Van der Drift, A. C. M.; Grunwald, J.; Segall, Y.; Shirin,

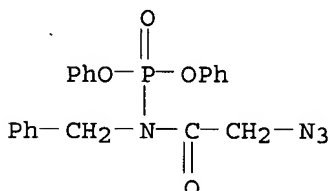
E.; Haas, E.; Ashani, Y.; Silman, I.
 CS Dep. Neurobiol., Weizmann Inst. Sci., Rehovot, Israel
 SO Biochemistry (1989), 28(3), 1248-53
 CODEN: BICHAW; ISSN: 0006-2960
 DT Journal
 LA English
 L2 ANSWER 79 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 107849-79-6 REGISTRY
 CN Benzyl 1,2-cyclohexylene phenyl phosphate (7CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C32 H34 O8 P2
 SR CAOLD
 LC STN Files: CAOLD



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 80 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 106585-38-0 REGISTRY
 CN Phosphoramidic acid, (azidoacetyl)(phenylmethyl)-, diphenyl ester (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C21 H19 N4 O4 P
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

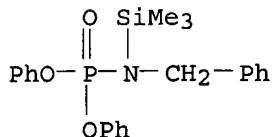
1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 106:67388 CA
 TI Synthesis and reactions of N-acylphosphoramides related to
 4-oxo-1,3-diaza-2-phospholanes
 AU Mulliez, Michel
 CS Lab. Chim. Org. Biol., Univ. Paris-Sud, Orsay, 91405, Fr.
 SO Bulletin de la Societe Chimique de France (1985), (6), 1211-18
 CODEN: BSCFAS; ISSN: 0037-8968
 DT Journal
 LA French

L2 ANSWER 81 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 106585-33-5 REGISTRY
 CN Phosphoramidic acid, (phenylmethyl)(trimethylsilyl)-, diphenyl ester (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C22 H26 N O3 P Si
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
 (*File contains numerically searchable property data)



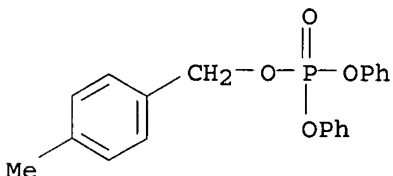
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 106:67388 CA
 TI Synthesis and reactions of N-acylphosphoramides related to
 4-oxo-1,3-diaza-2-phospholanes
 AU Mulliez, Michel
 CS Lab. Chim. Org. Biol., Univ. Paris-Sud, Orsay, 91405, Fr.
 SO Bulletin de la Societe Chimique de France (1985), (6), 1211-18
 CODEN: BSCFAS; ISSN: 0037-8968
 DT Journal
 LA French

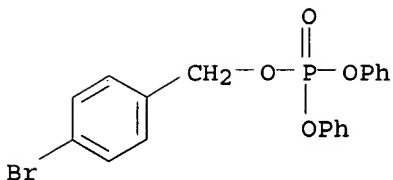
L2 ANSWER 82 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 102315-92-4 REGISTRY
 CN Phosphoric acid, p-methylbenzyl diphenyl ester (6CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H19 O4 P
 SR CAOLD
 LC STN Files: BEILSTEIN*, CAOLD
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

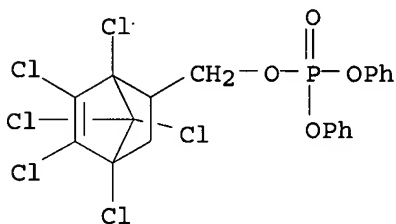
L2 ANSWER 83 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 101868-29-5 REGISTRY
 CN Phosphoric acid, p-bromobenzyl diphenyl ester (6CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C19 H16 Br O4 P
 SR CAOLD
 LC STN Files: BEILSTEIN*, CAOLD
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 84 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 101813-05-2 REGISTRY
 CN Phosphoric acid, [(1,4,5,6,7,7-hexachloro-5-norbornen-2-yl)methyl]
 diphenyl ester (7CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H15 Cl6 O4 P
 SR CAOLD
 LC STN Files: CA, CAOLD, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

AN 61:92468 CA
 TI Vinyl esters of alkylphosphinic acids
 PA Organization of the State Committee for the Chemical Industry under the
 State Planning Committee of the Council of Ministers of the U.S.S.R.,
 Kiev.
 SO From: Byul. Izobret. i Tovarnykh Znakov 1964(13), 24..
 DT Patent
 LA Unavailable

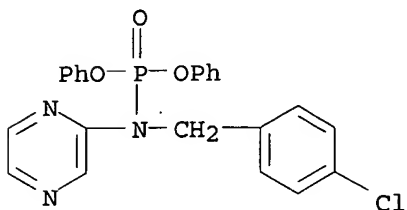
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
SU 163618		19640722	SU	19630506

REFERENCE 2

AN 61:92467 CA
 TI Compounds containing 1,4,5,6,7,7-hexachlorobicyclo[2.2.1]hepten-5-yl
 groups
 PA Chemische Werke Huels A.-G.
 SO 9 pp.
 DT Patent
 LA Unavailable

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 1369587		19640814	FR	
PRAI DE		19620717		

L2 ANSWER 85 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 95894-99-8 REGISTRY
 CN Phosphoramidic acid, [(4-chlorophenyl)methyl]pyrazinyl-, diphenyl ester
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C23 H19 Cl N3 O3 P
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

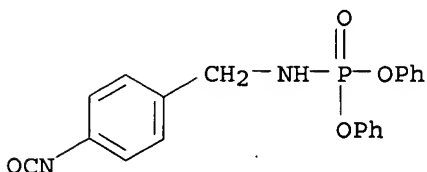
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

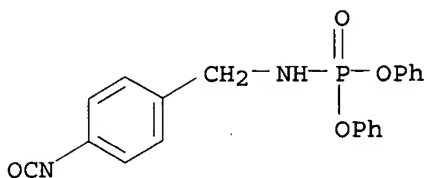
REFERENCE 1

AN 102:166947 CA
 TI Pyrazine compounds and their use in combating undesired plant growth
 IN Hopwood, William John
 PA Shell Internationale Research Maatschappij B. V., Neth.
 SO Eur. Pat. Appl., 21 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 124155	A1	19841107	EP 1984-200439	19840326
	EP 124155	B1	19870603		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	AT 27604	E	19870615	AT 1984-200439	19840326
	CA 1223260	A1	19870623	CA 1984-450475	19840326
	DK 8402089	A	19841030	DK 1984-2089	19840426
	AU 8427261	A1	19841101	AU 1984-27261	19840426
	AU 563168	B2	19870702		
	JP 59206397	A2	19841122	JP 1984-83071	19840426
	JP 04055199	B4	19920902		
	BR 8401966	A	19841204	BR 1984-1966	19840426
	ZA 8403086	A	19850227	ZA 1984-3086	19840426
PRAI	GB 1983-11775		19830429		
	EP 1984-200439		19840326		

L2 ANSWER 86 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 94624-00-7 REGISTRY
 CN Phosphoramidic acid, (p-isocyanatobenzyl)-, diphenyl ester (7CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H17 N2 O4 P
 LC STN Files: CA, CAOLD, CAPLUS





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

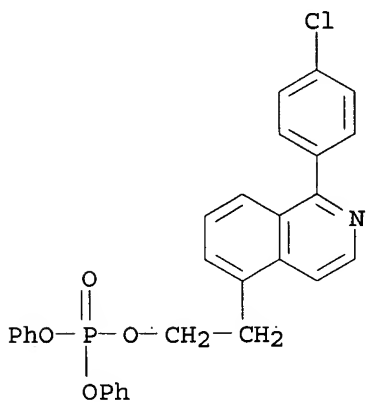
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

AN 57:56032 CA
 TI Isocyanatoaryl esters and amides of phosphoric and thiophosphoric acids
 PA Farbenfabriken Bayer A.-G.
 SO 4 pp.
 DT Patent
 LA Unavailable

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI GB 891654		19620314	GB	
PRAI DE		19580206		

L2 ANSWER 87 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 85672-49-7 REGISTRY
 CN Phosphoric acid, 2-[1-(4-chlorophenyl)-5-isoquinolinyl]ethyl diphenyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C29 H23 Cl N O4 P
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

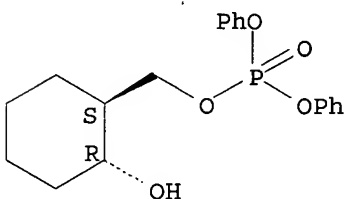
REFERENCE 1

AN 98:198052 CA
 TI 1-Phenylisoquinolines
 PA Teikoku Hormone Mfg. Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 18 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 57203068	A2	19821213	JP 1981-86832	19810608
	JP 01018899	B4	19890407		
PRAI	JP 1981-86832		19810608		

L2 ANSWER 88 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 83565-46-2 REGISTRY
 CN Phosphoric acid, (2-hydroxycyclohexyl)methyl diphenyl ester, trans- (9CI)
 (CA INDEX NAME)
 FS STEREOSEARCH
 MF C19 H23 O5 P
 LC STN Files: CA, CAPLUS

Relative stereochemistry.



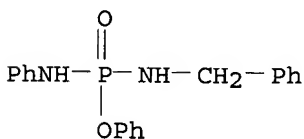
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 97:198467 CA
 TI Phosphorylated sugars. Part 23. Synthesis and reactions of
 phosphodiester containing 2-aminoethanol and a polyfunctional alcohol and
 their behavior during acid- and base-catalyzed hydrolysis.
 AU Trigalo, Francois; Szabo, Ladislav
 CS Cent. Etud. Pharm., Univ. Paris-Sud, Chatenay-Malabry, 92290, Fr.
 SO Journal of the Chemical Society, Perkin Transactions 1: Organic and
 Bio-Organic Chemistry (1972-1999) (1982), (8), 1733-43
 CODEN: JCPRB4; ISSN: 0300-922X
 DT Journal
 LA English

L2 ANSWER 89 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 82159-44-2 REGISTRY
 CN Phosphorodiamidic acid, N-phenyl-N'-(phenylmethyl)-, phenyl ester (9CI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Phosphorodiamidic acid, N-benzyl-N'-(phenyl)-, phenyl ester (6CI)
 FS 3D CONCORD
 MF C19 H19 N2 O2 P
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

AN 97:23905 CA
 TI Reaction of phenyl N-phenylphosphoramidoazidate with carboxylic acids and amines
 AU Arrieta, Ana; Palomo, Claudio
 CS Lab. Quim. Org., Fac. Cienc. Quim., Alza, Spain
 SO Bulletin de la Societe Chimique de France (1982), (1-2, Pt. 2), 7-11
 CODEN: BSCFAS; ISSN: 0037-8968
 DT Journal
 LA English

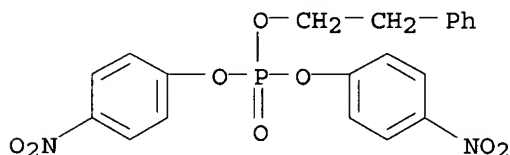
REFERENCE 2

AN 55:111966 CA
 TI Organic nitrogen-containing phosphorus compounds
 IN Binder, Hans; Heinle, Rudolf
 PA Rottweiler Kunstseidefabrik Akt.-Ges.
 DT Patent
 LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1084716		19600707	DE	
	US 3127445		1964	US	

L2 ANSWER 90 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 77055-60-8 REGISTRY
 CN Phosphoric acid, bis(4-nitrophenyl) 2-phenylethyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H17 N2 O8 P
 LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 108:37944 CA
 TI Structure-reactivity studies in phosphate triesters
 AU Armstrong, Moira M.; Cocks, Sarah; Modro, Tomasz A.
 CS Sch. Chem. Sci., Univ. Cape Town, Rondebosch, 7700, S. Afr.
 SO South African Journal of Chemistry (1987), 40(1), 20-4
 CODEN: SAJCDG; ISSN: 0379-4350
 DT Journal
 LA English

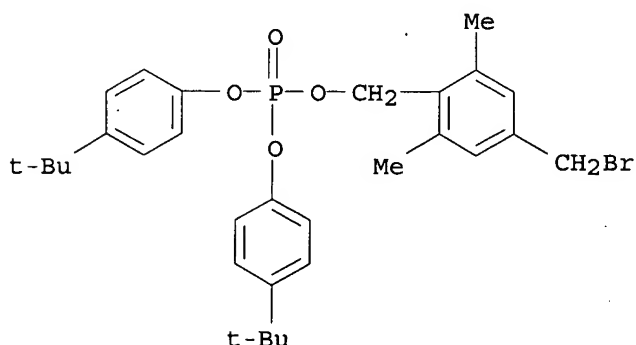
REFERENCE 2

AN 94:175104 CA
 TI Phosphoric acid diesters
 PA Nippon Chemiphar Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF

DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55130987	A2	19801011	JP 1979-37771	19790330
	JP 62060387	B4	19871216		
PRAI	JP 1979-37771		19790330		

L2 ANSWER 91 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 73752-07-5 REGISTRY
CN Phosphoric acid, [4-(bromomethyl)-2,6-dimethylphenyl]methyl
bis[4-(1,1-dimethylethyl)phenyl] ester, tetrabromo deriv. (9CI) (CA INDEX
NAME)
MF C30 H34 Br5 O4 P
CI IDS
LC STN Files: CA, CAPLUS



4 (D1-Br)

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

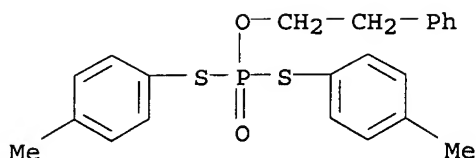
REFERENCE 1

AN 93:8758 CA
TI Porous PVC homo- or copolymers
IN Scheinhardt, Joerg; Klodt, Rolf Dieter; Kiermeyer, Ellen; Hamann, Bernd;
Weissenborn, Klaus Dieter
PA VEB Chemische Werke Buna, Ger. Dem. Rep.
SO Ger. (East), 7 pp.
CODEN: GEXXA8

DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DD 138666	Z	19791114	DD 1978-207989	19780921
PRAI	DD 1978-207989		19780921		

L2 ANSWER 92 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 70769-89-0 REGISTRY
CN Phosphorodithioic acid, S,S-bis(4-methylphenyl) O-(2-phenylethyl) ester
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C22 H23 O2 P S2
LC STN Files: CA, CAPLUS, CASREACT



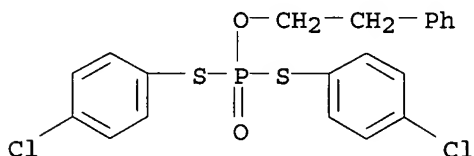
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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 91:39083 CA
TI The reaction of O-alkyl S,S-diaryl phosphorodithioates with alkyloxystannanes
AU Watanabe, Yutaka; Mukaiyama, Teruaki
CS Fac. Sci., Univ. Tokyo, Tokyo, 113, Japan
SO Chemistry Letters (1979), (4), 389-90
CODEN: CMLTAG; ISSN: 0366-7022
DT Journal
LA English

L2 ANSWER 93 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 70769-88-9 REGISTRY
CN Phosphorodithioic acid, S,S-bis(4-chlorophenyl) O-(2-phenylethyl) ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H17 Cl2 O2 P S2
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

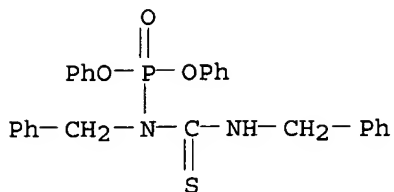
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 91:39083 CA
TI The reaction of O-alkyl S,S-diaryl phosphorodithioates with alkyloxystannanes
AU Watanabe, Yutaka; Mukaiyama, Teruaki
CS Fac. Sci., Univ. Tokyo, Tokyo, 113, Japan
SO Chemistry Letters (1979), (4), 389-90
CODEN: CMLTAG; ISSN: 0366-7022
DT Journal
LA English

L2 ANSWER 94 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 70206-07-4 REGISTRY
CN Phosphoramidic acid, (phenylmethyl) [[[phenylmethyl]amino]thioxomethyl]-, diphenyl ester (9CI) (CA INDEX NAME)
OTHER NAMES:
CN N,N'-Dibenzyl-N-(diphenylphosphoryl)thiourea
FS 3D CONCORD
MF C27 H25 N2 O3 P S

LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 105:153139 CA
TI The application of simple-harmonic-oscillator calculations (HOSE-model) to crystallographically studied N-phosphoryl-N,N'-disubstituted thioureas
AU Karolak-Wojciechowska, Janina
CS Inst. Gen. Chem., Tech. Univ., Lodz, 90-362, Pol.
SO Phosphorus and Sulfur and the Related Elements (1985), 25(2), 229-35
CODEN: PREEDF; ISSN: 0308-664X
DT Journal
LA English

REFERENCE 2

AN 100:103460 CA
TI Reaction of carbodiimides with phosphorothioic, phosphorodithioic, and phosphoroselenoic acids: products, intermediates, and steps
AU Mikolajczyk, Marian; Kielbasinski, Piotr; Basinski, Wlodzimierz
CS Cent. Mol. Macromol. Stud., Pol. Acad. Sci., Lodz, 90-362, Pol.
SO Journal of Organic Chemistry (1984), 49(5), 899-908
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English

REFERENCE 3

AN 96:104518 CA
TI N-Phosphorylated-N,N'-disubstituted thio- or selenoureas
IN Mikolajczyk, Marian; Kielbasinski, Piotr
PA Polska Akademia Nauk, Centrum badan Molekularnych i Makromolekularnych, Pol.
SO Pol., 3 pp.
CODEN: POXXA7
DT Patent
LA Polish
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	PL 108330	B1	19800430	PL 1977-197643	19770426
PRAI	PL 1977-197643		19770426		

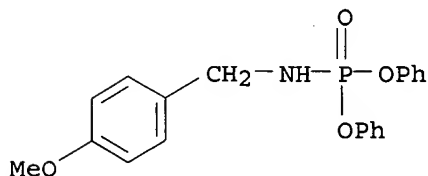
REFERENCE 4

AN 90:195954 CA
TI The crystal structure of N,N'-dibenzyl-N-diphenoxyphosphorylthiourea
AU Karolak-Wojciechowska, Janina; Wieczorek, Michal; Mikolajczyk, Marian; Kielbasinski, Piotr; Struchkov, Yu. T.; Antipin, M. Yu.
CS Inst. Gen. Chem., Tech. Univ. Lodz, Lodz, Pol.
SO Acta Crystallographica, Section B: Structural Crystallography and Crystal Chemistry (1979), B35(4), 877-81

CODEN: ACBCAR; ISSN: 0567-7408

DT Journal
LA English

L2 ANSWER 95 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 68036-35-1 REGISTRY
CN Phosphoramidic acid, [(4-methoxyphenyl)methyl]-, diphenyl ester (9CI) (CA
INDEX NAME)
FS 3D CONCORD
MF C20 H20 N O4 P
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



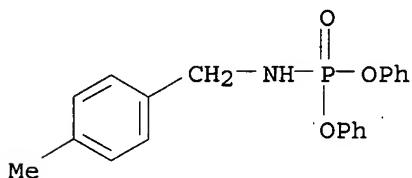
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 90:21849 CA
TI Phosphoric amides. 1. Phosphorus-nitrogen vs. nitrogen-carbon bond
cleavage in acidic solvolysis of N-alkyl phosphoramidates and
phosphinamidates
AU Modro, Tomasz A.; Lawry, Mary A.; Murphy, Elaine
CS Dep. Chem., Univ. Toronto, Toronto, ON, Can.
SO Journal of Organic Chemistry (1978), 43(26), 5000-6
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English

L2 ANSWER 96 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 68036-34-0 REGISTRY
CN Phosphoramidic acid, [(4-methylphenyl)methyl]-, diphenyl ester (9CI) (CA
INDEX NAME)
FS 3D CONCORD
MF C20 H20 N O3 P
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

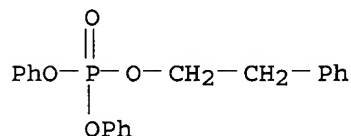
AN 101:23613 CA

TI Phosphoric amides. Part 7. Mass spectrometry of phosphoric amido esters:
fragmentation patterns and migratory aptitudes
AU Davidowitz, Bette; Modro, Tomasz A.
CS Dep. Org. Chem., Univ. Cape Town, Rondebosch, S. Afr.
SO Organic Mass Spectrometry (1984), 19(3), 128-34
CODEN: ORMSBG; ISSN: 0030-493X
DT Journal
LA English

REFERENCE 2

AN 90:21849 CA
TI Phosphoric amides. 1. Phosphorus-nitrogen vs. nitrogen-carbon bond
cleavage in acidic solvolysis of N-alkyl phosphoramidates and
phosphinamidates
AU Modro, Tomasz A.; Lawry, Mary A.; Murphy, Elaine
CS Dep. Chem., Univ. Toronto, Toronto, ON, Can.
SO Journal of Organic Chemistry (1978), 43(26), 5000-6
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English

L2 ANSWER 97 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 66910-78-9 REGISTRY
CN Phosphoric acid, diphenyl 2-phenylethyl ester (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 2-Phenylethyl diphenyl phosphate
CN Diphenyl phenethyl phosphate
FS 3D CONCORD
MF C20 H19 O4 P
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

8 REFERENCES IN FILE CA (1907 TO DATE)
8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 137:185580 CA
TI 3-Phosphono-2-(N-cyanoimino)thiazolidine derivatives, new phosphorylating
agents for alcohols
AU Maezaki, Naoyoshi; Furusawa, Akemi; Hirose, Yuki; Uchida, Shuji; Tanaka,
Tetsuaki
CS Osaka University, Graduate School of Pharmaceutical Sciences, Suita,
Osaka, 565-0871, Japan
SO Tetrahedron (2002), 58(18), 3493-3498
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

AN 132:136937 CA
TI Design, synthesis, application and recovery of a minimally fluororous diaryl
diselenide for the catalysis of stannane-mediated radical chain reactions

AU Crich, David; Hao, Xiaolin; Lucas, Mathew
CS Department of Chemistry, University of Illinois at Chicago, Chicago, IL,
60607-7061, USA
SO Tetrahedron (1999), 55(50), 14261-14268
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 3

AN 131:144161 CA
TI Inhibition of Stannane-Mediated Radical Rearrangements by a Recoverable,
Minimally Fluorous Selenol
AU Crich, David; Hao, Xiaolin; Lucas, Mathew A.
CS Department of Chemistry, University of Illinois at Chicago, Chicago, IL,
60607-7061, USA
SO Organic Letters (1999), 1(2), 269-271
CODEN: ORLEF7; ISSN: 1523-7060
PB American Chemical Society
DT Journal
LA English
RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 4

AN 124:117422 CA
TI Chemistry of .beta.-(Phosphatoxy)alkyl and .beta.-(Acyloxy)alkyl Radicals.
Migration Reactions: Scope and Stereoselectivity of .beta.-(
(Phosphatoxy)alkyl Rearrangement. Mechanism of .beta.-(Phosphatoxy)alkyl
and .beta.-(Acyloxy)alkyl Migration
AU Crich, David; Yao, Qingwei; Filzen, G. Fredrick
CS Department of Chemistry, University of Illinois, Chicago, IL, 60607-7061,
USA
SO Journal of the American Chemical Society (1995), 117(46), 11455-70
CODEN: JACSAT; ISSN: 0002-7863
PB American Chemical Society
DT Journal
LA English

REFERENCE 5

AN 123:32340 CA
TI Inhibition of Rearrangements in Stannane-Mediated Radical Reduction
Reactions by Catalytic Quantities of Diphenyl Diselenide. An Example of
Polarity Reversal Catalysis
AU Crich, David; Yao, Qingwei
CS Department of Chemistry, University of Illinois at Chicago, Chicago, IL,
60607-7061, USA
SO Journal of Organic Chemistry (1995), 60(1), 84-8
CODEN: JOCEAH; ISSN: 0022-3263
PB American Chemical Society
DT Journal
LA English

REFERENCE 6

AN 118:169204 CA
TI The .beta.-(phosphonooxy)alkyl radical rearrangement
AU Crich, David; Yao, Qingwei
CS Dep. Chem., Univ. Illinois, Chicago, IL, 60607-7061, USA
SO Journal of the American Chemical Society (1993), 115(3), 1165-6
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA English

REFERENCE 7

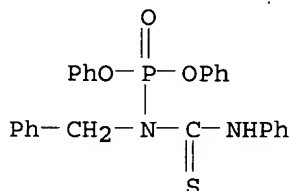
AN 93:150239 CA
 TI Esterification of phosphoric acid by benzoxazole derivatives
 IN Mukaiyama, Mitsuki; Watanabe, Yutaka
 PA Nippon Chemiphar Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 2 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55038303	A2	19800317	JP 1978-110239	19780909
PRAI	JP 1978-110239		19780909		

REFERENCE 8

AN 89:24202 CA
 TI An efficient phosphorylation method by the activation of alcohol
 AU Watanabe, Yutaka; Mukaiyama, Teruaki
 CS Fac. Sci., Univ. Tokyo, Tokyo, Japan
 SO Chemistry Letters (1978), (4), 349-52
 CODEN: CMLTAG; ISSN: 0366-7022
 DT Journal
 LA English

L2 ANSWER 98 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 64643-57-8 REGISTRY
 CN Phosphoramidic acid, [(phenylamino)thioxomethyl](phenylmethyl)-, diphenyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C26 H23 N2 O3 P S
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

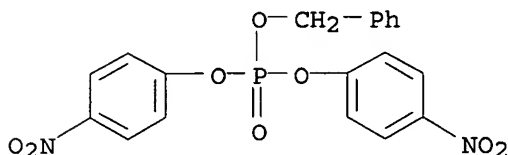
REFERENCE 1

AN 87:183677 CA
 TI Direct observation, isolation, and structure of 1:1 adducts from carbodiimides and dialkylphosphorothio(seleno)ic acids
 AU Mikolajczyk, Marian; Kielbasinski, Piotr; Goszczynska, Zofia
 CS Cent. Mol. Macromol. Stud., Pol. Acad. Sci., Lodz, Pol.
 SO Journal of Organic Chemistry (1977), 42(22), 3629-30
 CODEN: JOCEAH; ISSN: 0022-3263
 DT Journal
 LA English

L2 ANSWER 99 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 64108-81-2 REGISTRY
 CN Phosphoric acid, bis(4-nitrophenyl) phenylmethyl ester (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Phosphoric acid, benzyl bis(p-nitrophenyl) ester (6CI)

OTHER NAMES:

CN Benzyl bis(p-nitrophenyl) phosphate
 FS 3D CONCORD
 MF C19 H15 N2 O8 P
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

AN 108:37944 CA
 TI Structure-reactivity studies in phosphate triesters
 AU Armstrong, Moira M.; Cocks, Sarah; Modro, Tomasz A.
 CS Sch. Chem. Sci., Univ. Cape Town, Rondebosch, 7700, S. Afr.
 SO South African Journal of Chemistry (1987), 40(1), 20-4
 CODEN: SAJCDG; ISSN: 0379-4350
 DT Journal
 LA English

REFERENCE 2

AN 93:46099 CA
 TI Transesterification of tris(p-nitrophenyl) phosphate with sodium alkoxides: bis(p-nitrophenyl) methyl phosphate, bis(p-nitrophenyl) benzyl phosphate, bis(p-nitrophenyl) n-butyl phosphate
 AU Berndt, Michael C.; Dudman, N. P. B.; Zerner, Burt
 CS Dep. Biochem., Univ. Queensland, St. Lucia, 4067, Australia
 SO Phosphorus and Sulfur and the Related Elements (1979), 7(3), 225-7
 CODEN: PREEDF; ISSN: 0308-664X
 DT Journal
 LA English

REFERENCE 3

AN 87:202032 CA
 TI Phosphoric acid derivatives
 IN Mukaiyama, Mitsuaki; Hashimoto, Mitsunori
 PA Sankyo Co., Ltd., Japan
 SO Jpn. Tokkyo Koho, 5 pp.
 CODEN: JAXXAD
 DT Patent
 LA Japanese

FAN.CNT 1

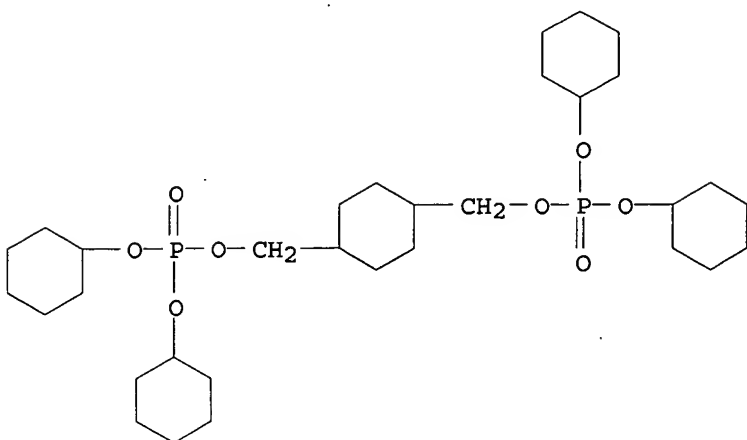
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 52008289	B4	19770308	JP 1970-64875	19700724
PRAI	JP 1970-64875		19700724		

L2 ANSWER 100 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 62955-06-0 REGISTRY
 CN Phosphoric acid, 1,4-cyclohexanediylbis(methylene) tetracyclohexyl ester (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1,4-Cyclohexylenedimethylene bis(dicyclohexyl phosphate)

FS 3D CONCORD
 MF C32 H58 O8 P2
 LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

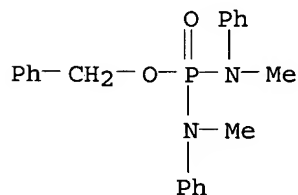
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 87:25818 CA
 TI Improved hydraulic liquids
 IN Heber, John F.
 PA Monsanto Co., USA
 SO Ger. Offen., 34 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2625878	A1	19761223	DE 1976-2625878	19760609
	US 4056480	A	19771101	US 1975-585636	19750610
	NL 7606145	A	19761214	NL 1976-6145	19760608
	JP 51149884	A2	19761223	JP 1976-66639	19760609
	FR 2314243	A1	19770107	FR 1976-17415	19760609
	GB 1532904	A	19781122	GB 1976-23851	19760609
	AU 507315	B2	19800214	AU 1976-14748	19760609
PRAI	US 1975-585636		19750610		

L2 ANSWER 101 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 58245-68-4 REGISTRY
 CN Phosphorodiamidic acid, N,N'-dimethyl-N,N'-diphenyl-, phenylmethyl ester
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C21 H23 N2 O2 P
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)



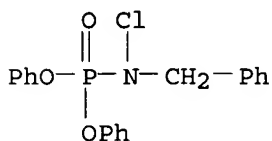
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 84:58805 CA
TI Organophosphorochloridates. Derivatives of N,N1-dialkyl-N,N1-diphenylphosphorodiamidic chlorides
AU Cremlyn, R. J. W.; Frearson, M. J.; Milnes, D.
CS Dep. Chem. Sci., Hatfield Polytech., Hatfield/Hertfordshire, UK
SO Phosphorus and the Related Group V Elements (1975), 6(1), 29-34
CODEN: PHUSBV; ISSN: 0369-9722
DT Journal
LA English

L2 ANSWER 102 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 54468-46-1 REGISTRY
CN Phosphoramidic acid, chloro(phenylmethyl)-, diphenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H17 Cl N O3 P
LC STN Files: CA, CAPLUS



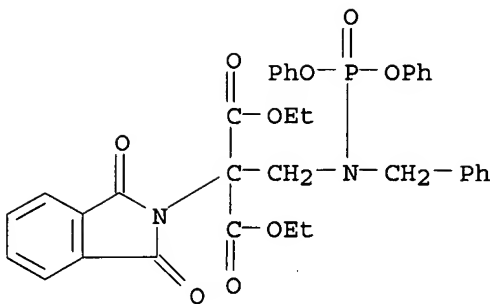
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 82:111546 CA
TI Methylenation of the nitrogen-halogen bond of positive halogen compounds
AU Orazi, Orfeo O.; Corral, Renee A.; Schuttenberg, Herman
CS Fac. Cienc. Exactas, Univ. Nac. La Plata, La Plata, Argent.
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1974), (18), 2087-91
CODEN: JCPRB4; ISSN: 0300-922X
DT Journal
LA English

L2 ANSWER 103 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 54468-10-9 REGISTRY
CN Propanedioic acid, (1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl) [[[diphenoxyphosphinyl) (phenylmethyl)amino]methyl]-, diethyl ester (9CI) (CA INDEX NAME)
MF C35 H33 N2 O9 P
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



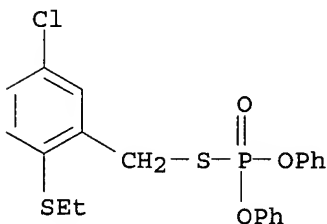
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 82:111546 CA
TI Methylenation of the nitrogen-halogen bond of positive halogen compounds
AU Orazi, Orfeo O.; Corral, Renee A.; Schuttenberg, Herman
CS Fac. Cienc. Exactas, Univ. Nac. La Plata, La Plata, Argent.
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and
Bio-Organic Chemistry (1972-1999) (1974), (18), 2087-91
CODEN: JCPRB4; ISSN: 0300-922X
DT Journal
LA English

L2 ANSWER 104 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 36717-05-2 REGISTRY
CN Phosphorothioic acid, S-[[5-chloro-2-(ethylthio)phenyl]methyl]
O,O-diphenyl ester (9CI) (CA INDEX NAME)
OTHER NAMES:
CN O,O-Diphenyl S-(5-chloro-2-ethylthiobenzyl) thiophosphate
FS 3D CONCORD
MF C21 H20 Cl O3 P S2
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

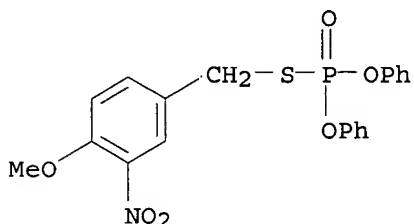
AN 77:88015 CA
TI Reaction of esters and ester amides of thiophosphoric acid with
substituted benzyl chlorides
AU Prokof'eva, A. F.; Mel'nikov, N. N.; Vladimirova, I. L.
CS Vses. Nauchno-Issled. Inst. Khim. Sredstv Zashch. Rast., USSR
SO Zhurnal Obshchei Khimii (1972), 42(4), 820-5
CODEN: ZOKHA4; ISSN: 0044-460X
DT Journal

LA Russian

L2 ANSWER 105 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 36717-04-1 REGISTRY
CN Phosphorothioic acid, S-[(4-methoxy-3-nitrophenyl)methyl] O,O-diphenyl ester (9CI) (CA INDEX NAME)

OTHER NAMES:

CN O,O-Diphenyl S-(4-methoxy-3-nitrobenzyl) thiophosphate
FS 3D CONCORD
MF C20 H18 N O6 P S
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



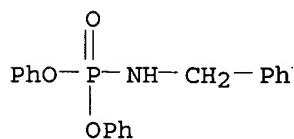
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 77:88015 CA
TI Reaction of esters and ester amides of thiophosphoric acid with substituted benzyl chlorides
AU Prokof'eva, A. F.; Mel'nikov, N. N.; Vladimirova, I. L.
CS Vses. Nauchno-Issled. Inst. Khim. Sredstv Zashch. Rast., USSR
SO Zhurnal Obshchei Khimii (1972), 42(4), 820-5
CODEN: ZOKHA4; ISSN: 0044-460X
DT Journal
LA Russian

L2 ANSWER 106 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 33985-75-0 REGISTRY
CN Phosphoramidic acid, (phenylmethyl)-, diphenyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Phosphoramidic acid, benzyl-, diphenyl ester (6CI, 8CI)
OTHER NAMES:
CN NSC 87424
FS 3D CONCORD
MF C19 H18 N O3 P
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, HODOC*, TOXCENTER
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

16 REFERENCES IN FILE CA (1907 TO DATE)
16 REFERENCES IN FILE CAPLUS (1907 TO DATE)

2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

AN 133:18316 CA
TI Halogen-free flame retardant compositions containing phosphoric acid amides
IN Masuda, Takeshi; Morishita, Susumu; Kawada, Toshiko; Kanô, Naoki
PA Shikoku Chemicals Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000154277	A2	20000606	JP 1998-332994	19981124
PRAI	JP 1998-264090		19980918		

REFERENCE 2

AN 106:67388 CA
TI Synthesis and reactions of N-acylphosphoramides related to 4-oxo-1,3-diaza-2-phospholanes
AU Mulliez, Michel
CS Lab. Chim. Org. Biol., Univ. Paris-Sud, Orsay, 91405, Fr.
SO Bulletin de la Societe Chimique de France (1985), (6), 1211-18
CODEN: BSCFAS; ISSN: 0037-8968
DT Journal
LA French

REFERENCE 3

AN 101:23613 CA
TI Phosphoric amides. Part 7. Mass spectrometry of phosphoric amido esters: fragmentation patterns and migratory aptitudes
AU Davidowitz, Bette; Modro, Tomasz A.
CS Dep. Org. Chem., Univ. Cape Town, Rondebosch, S. Afr.
SO Organic Mass Spectrometry (1984), 19(3), 128-34
CODEN: ORMSBG; ISSN: 0030-493X
DT Journal
LA English

REFERENCE 4

AN 100:139002 CA
TI Activation of carboxyl groups by diphenyl 2-oxo-3-oxazolinylphosphonate. Facile preparation of versatile reagents, 3-acyl-2-oxazolones
AU Kunieda, Takehisa; Higuchi, Tsunehiko; Abe, Yoshihiro; Hirobe, Masaaki
CS Fac. Pharm. Sci., Univ. Tokyo, Tokyo, 113, Japan
SO Tetrahedron (1983), 39(20), 3253-60
CODEN: TETRAB; ISSN: 0040-4020
DT Journal
LA English

REFERENCE 5

AN 97:84392 CA
TI Chromatography of amidophosphoric acid derivatives
AU Kasperek, Frantisek
CS Fac. Nat. Sci., Palacky Univ., Olomouc, Czech.
SO Acta Universitatis Palackianae Olomucensis, Facultas Rerum Naturalium (1982), 73(Chem. 21), 11-16
CODEN: AUONAD; ISSN: 0472-9005
DT Journal
LA English

REFERENCE 6

AN 95:254 CA
TI Diphenyl amidophosphates, their synthesis, determination of phosphorus,
and biological activity
AU Roubinek, F.; Bedrník, P.; Cech, M.; Danek, J.; Budesinsky, Z.
CS Vyzk. Ustav Farm. Biochem., Prague, Czech.
SO Cesko-Slovenska Farmacie (1980), 29(3-4), 90-4
CODEN: CKFRAY; ISSN: 0009-0530
DT Journal
LA Czech

REFERENCE 7

AN 93:45468 CA
TI Solvolysis of diphenyl amidophosphates in aqueous alcoholic media
AU Kaspárek, František; Mollin, Jiri
CS Inorg. Phys. Chem. Dep., Palacky Univ., Olomouc, 771 46, Czech.
SO Collection of Czechoslovak Chemical Communications (1980), 45(2), 386-96
CODEN: CCCCAK; ISSN: 0366-547X
DT Journal
LA English

REFERENCE 8

AN 90:21849 CA
TI Phosphoric amides. 1. Phosphorus-nitrogen vs. nitrogen-carbon bond
cleavage in acidic solvolysis of N-alkyl phosphoramidates and
phosphinamidates
AU Modro, Tomasz A.; Lawry, Mary A.; Murphy, Elaine
CS Dep. Chem., Univ. Toronto, Toronto, ON, Can.
SO Journal of Organic Chemistry (1978), 43(26), 5000-6
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English

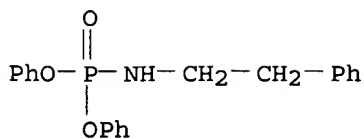
REFERENCE 9

AN 86:154832 CA
TI Mechanism of alkali-catalyzed hydrolysis of diphenyl amidophosphates
AU Mollin, J.; Veverka, F.; Kaspárek, F.
CS Palacky Univ., Olomouc, Czech.
SO Collection of Czechoslovak Chemical Communications (1976), 41(11), 3245-55
CODEN: CCCCAK; ISSN: 0010-0765
DT Journal
LA English

REFERENCE 10

AN 82:124968 CA
TI Alkaline hydrolysis of diphenyl N-alkyl(aryl)phosphoramidates
AU Kaspárek, František
CS Prirodoved. Fak., Palackeho Univ., Olomouc, Czech.
SO Acta Universitatis Palackianae Olomucensis, Facultas Rerum Naturalium
(1974), 45(Chemica 14), 23-8
CODEN: AUONAD; ISSN: 0472-9005
DT Journal
LA German

L2 ANSWER 107 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 33950-34-4 REGISTRY
CN Phosphoramidic acid, phenethyl-, diphenyl ester (8CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H20 N O3 P
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

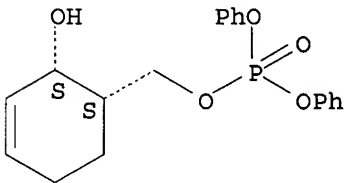
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 75:117724 CA
TI Structure-reactivity correlation for the hydrolysis of phosphoramidate monoanions
AU Benkovic, Stephen J.; Sampson, Eric J.
CS Dep. Chem., Pennsylvania State Univ., University Park, PA, USA
SO Journal of the American Chemical Society (1971), 93(16), 4009-16
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA English

L2 ANSWER 108 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 33073-77-7 REGISTRY
CN Phosphoric acid, (2-hydroxy-3-cyclohexen-1-yl)methyl diphenyl ester, cis-(8CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C19 H21 O5 P
LC STN Files: CA, CAPLUS

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

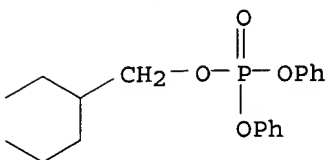
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 75:76219 CA
TI Synthesis of some hydroxycyclohexylcarbinol phosphates and related compounds
AU Chakraborti, S. K.
CS Dep. Chemother., Chittaranjan Natl. Cancer Res. Cent., Calcutta, India
SO Journal of the Indian Chemical Society (1971), 48(5), 475-82
CODEN: JICSAH; ISSN: 0019-4522
DT Journal
LA English

L2 ANSWER 109 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 33026-78-7 REGISTRY
CN Phosphoric acid, cyclohexylmethyl diphenyl ester (8CI, 9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H23 O4 P
LC STN Files: BEILSTEIN*, CA, CAPLUS

(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

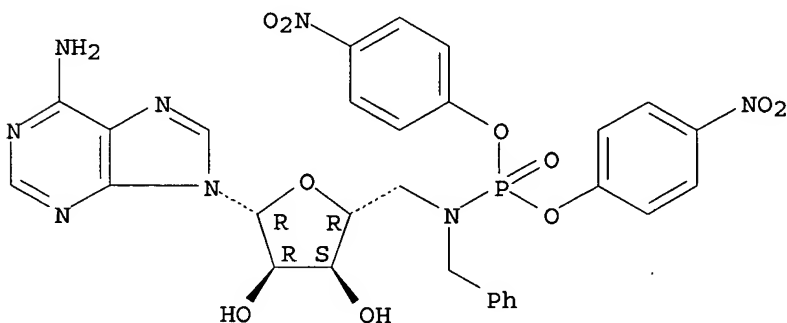
AN 87:151287 CA
TI Organic reactions at alumina surfaces. A mechanistic and synthetic study of sulfonate ester elimination reactions effected by chromatographic alumina
AU Posner, Gary H.; Gurria, George M.; Babiak, Kevin A.
CS Dep. Chem., Johns Hopkins Univ., Baltimore, MD, USA
SO Journal of Organic Chemistry (1977), 42(19), 3173-80
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English

REFERENCE 2

AN 75:76219 CA
TI Synthesis of some hydroxycyclohexylcarbinol phosphates and related compounds
AU Chakraborti, S. K.
CS Dep. Chemother., Chittaranjan Natl. Cancer Res. Cent., Calcutta, India
SO Journal of the Indian Chemical Society (1971), 48(5), 475-82
CODEN: JICSAH; ISSN: 0019-4522
DT Journal
LA English

L2 ANSWER 110 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 30765-17-4 REGISTRY
CN Adenosine, 5'-(benzylphosphonoamino)-5'-deoxy-, bis(p-nitrophenyl) ester (8CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C29 H27 N8 O10 P
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

Absolute stereochemistry.



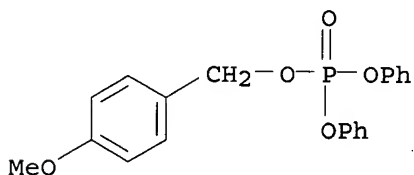
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 75:152034 CA
TI 5'-Amido analogs of adenosine 3',5'-cyclic monophosphate
AU Jastorff, Bernd; Murayama, Akira; Cramer, Friedrich; Hettler, Hans
CS Dep. Chem., Max-Planck-Inst. Exp. Med., Goettingen, Fed. Rep. Ger.
SO Journal of Organic Chemistry (1971), 36(20), 3029-33
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English

L2 ANSWER 111 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 21870-03-1 REGISTRY
CN Phosphoric acid, p-methoxybenzyl diphenyl ester (8CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Benzyl alcohol, p-methoxy-, diphenyl phosphate (8CI)
FS 3D CONCORD
MF C20 H19 O5 P
LC STN Files: CA, CAPLUS



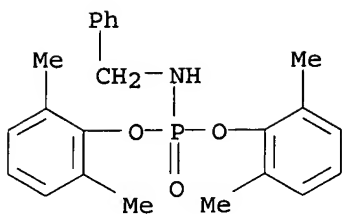
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 71:21145 CA
TI Alkylation of mercaptans and inhibition of "SH enzymes" by saligenin
cyclic phosphate and phosphorothiolate esters
AU Ohkawa, Hideo; Eto, Morifusa
CS Kyushu Univ., Fukuoka, Japan
SO Agricultural and Biological Chemistry (1969), 33(3), 443-51
CODEN: ABCHA6; ISSN: 0002-1369
DT Journal
LA English

L2 ANSWER 112 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 18350-95-3 REGISTRY
CN Phosphoramidic acid, (phenylmethyl)-, bis(2,6-dimethylphenyl) ester (9CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2,6-Xylenol, N-benzylphosphoramidate (2:1)
CN Phosphoramidic acid, benzyl-, di-2,6-xylyl ester (8CI)
MF C23 H26 N O3 P
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 108:167600 CA
TI Preparation of sterically hindered phosphoramidates
AU Talley, John J.
CS Res. Dev. Cent., Gen. Electr., Schenectady, NY, 12301, USA
SO Journal of Chemical and Engineering Data (1988), 33(2), 221-2
CODEN: JCEAAX; ISSN: 0021-9568
DT Journal
LA English

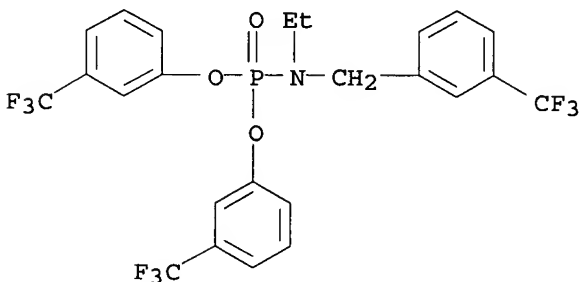
REFERENCE 2

AN 68:105299 CA
TI Structural effects in reactions of organophosphorus compounds. I.
Reactions of phosphorus oxychloride with hindered phenols
AU Kosolapoff, Gennady M.; Arpke, Charles K.; Lamb, Robert W.; Reich, Hans
CS Ff. J. Seiler Res. Lab. OAR, U. S. Air Force Acad., CO, USA
SO Journal of the Chemical Society [Section] C: Organic (1968), (7), 815-18
CODEN: JSOOAX; ISSN: 0022-4952
DT Journal
LA English

L2 ANSWER 113 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 14355-05-6 REGISTRY
CN Phosphoramidic acid, ethyl[m-(trifluoromethyl)benzyl]-,
bis(.alpha.,.alpha.,.alpha.-trifluoro-m-tolyl) ester (8CI) (CA INDEX
NAME)

OTHER CA INDEX NAMES:

CN m-Cresol, .alpha.,.alpha.,.alpha.-trifluoro-, ethyl[m-
(trifluoromethyl)benzyl]phosphoramidate (2:1)
FS 3D CONCORD
MF C24 H19 F9 N O3 P
LC STN Files: BEILSTEIN*, CA, CAPLUS, IFICDB, IFIPAT, IFIUDB
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 69:35715 CA
 TI N-Fluoroalkyl (and Fluoroalkylaryl) phosphoramidates
 IN Blake, Edward S.; DeBrunner, Ralph E.; Webster, James A.
 PA Monsanto Research Corp.
 SO U.S., 7 pp.
 CODEN: USXXAM

DT Patent
 LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3369064	A	19680213	US 1964-412990	19641123
	BE 672659	A	19660523	BE 1965-672659	19651122
PRAI	US 1964-412990		19641123		

REFERENCE 2

AN 67:32458 CA
 TI Phosphoramidates containing fluorine and functional fluids
 IN DeBrunner, Ralph E.; Blake, Edward S.; Webster, James A.
 PA Monsanto Co.
 SO Belg., 30 pp.
 CODEN: BEXXAL

DT Patent
 LA French

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BE 672659	A	19660523	BE 1965-672659	19651122
	US 3369064	A	19680213	US 1964-412990	19641123
PRAI	US 1964-412990		19641123		

L2 ANSWER 114 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 13879-47-5 REGISTRY
 CN Phosphorothioic acid, O,O-diphenyl S-(phenylmethyl) ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Phosphorothioic acid, S-benzyl O,O-diphenyl ester (8CI)

OTHER NAMES:

CN O,O-Diphenyl S-benzyl phosphorothioate

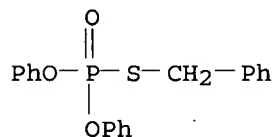
CN O,O-Diphenyl S-benzyl thiophosphate

FS 3D CONCORD

MF C19 H17 O3 P S

LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT

(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)

4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 103:71503 CA
 TI O,O-Diphenyl S-benzyl thiophosphate
 IN Bliznyuk, N. K.; Klimova, T. A.; Protasova, L. D.; Bliznyuk, A. N.

PA All-Union Scientific-Research Institute of Phytopathology, USSR
SO U.S.S.R. From: Otkrytiya, Izobret. 1984, (48), 87.
CODEN: URXXAF
DT Patent
LA Russian
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	SU 1131878	A1	19841230	SU 1983-3645385	19830505
PRAI	SU 1983-3645385		19830505		

REFERENCE 2

AN 94:92640 CA
TI Phosphorothioate
PA Ouchi Shinko Chemical Industrial Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 55128591	A2	19801004	JP 1979-36194	19790329
	JP 56043387	B4	19811012		
PRAI	JP 1979-36194		19790329		

REFERENCE 3

AN 91:80875 CA
TI Electrosynthesis of heteroatom-heteroatom bonds. 4. Direct cross-coupling of dialkyl (or diaryl) phosphites with disulfides by a sodium bromide promoted electrolytic procedure
AU Torii, Sigeru; Tanaka, Hideo; Sayo, Noboru
CS Sch. Eng., Okayama Univ., Okayama, 700, Japan
SO Journal of Organic Chemistry (1979), 44(16), 2938-41
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English

REFERENCE 4

AN 66:115455 CA
TI S-Benzyl monothiophosphates
IN Kado, Masaru; Maeda, Taizo; Sugiyama, Hironari
PA Ihara Chemicals Co., Ltd.
SO Jpn. Tokkyo Koho, 3 pp.
CODEN: JAXXAD

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 42001541	B4	19670125	JP	19640319

L2 ANSWER 115 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 10577-64-7 REGISTRY
CN Phosphoric acid, (4-nitrophenyl)methyl diphenyl ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzyl alcohol, p-nitro-, diphenyl phosphate
CN Phosphoric acid, p-nitrobenzyl diphenyl ester (6CI, 7CI, 8CI)

OTHER NAMES:

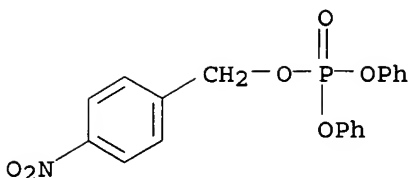
CN Diphenyl 4-nitrobenzyl phosphate

FS 3D CONCORD

MF C19 H16 N O6 P

LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS

(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

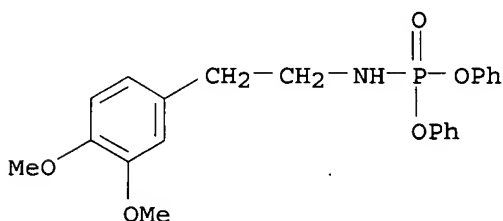
REFERENCE 1

AN 80:66128 CA
 TI Electrochemical reduction of diphenyl 4-nitrobenzyl phosphate
 AU Pak, Chong Min; Gulick, Wilson M., Jr.
 CS Dep. Chem., Florida State Univ., Tallahassee, FL, USA
 SO Electrochimica Acta (1973), 18(12), 1025-32
 CODEN: ELCAAV; ISSN: 0013-4686
 DT Journal
 LA English

REFERENCE 2

AN 65:28992 CA
 TI Examination of phosphorus hyperfine coupling constants in nitroaromatic anion radicals
 AU Gulick, Wilson M., Jr.; Geske, David H.
 CS Cornell Univ., Ithaca, NY
 SO Journal of the American Chemical Society (1966), 88(13), 2928-34
 CODEN: JACSAT; ISSN: 0002-7863
 DT Journal
 LA English

L2 ANSWER 116 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 7761-68-4 REGISTRY
 CN Phosphoramidic acid, [2-(3,4-dimethoxyphenyl)ethyl]-, diphenyl ester (9CI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Phosphoramidic acid, (3,4-dimethoxyphenethyl)-, diphenyl ester (8CI)
 FS 3D CONCORD
 MF C22 H24 N O5 P
 LC STN Files: BEILSTEIN*, CA, CAPLUS, RTECS*
 (*File contains numerically searchable property data)

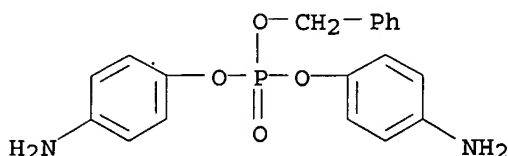


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 117 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN

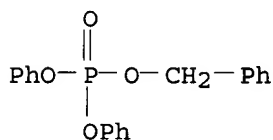
RN 6040-87-5 REGISTRY
 CN Phosphoric acid, bis(p-aminophenyl) benzyl ester (7CI, 8CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C19 H19 N2 O4 P
 LC STN Files: BEILSTEIN*, CAOLD
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 118 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 4218-62-6 REGISTRY
 CN Phosphoric acid, diphenyl phenylmethyl ester (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzyl phenyl phosphate ((C7H7O)(PhO)2PO) (6CI, 7CI)
 CN Phosphoric acid, benzyl diphenyl ester (8CI)
 OTHER NAMES:
 CN O-Benzyl O,O-diphenyl phosphate
 FS 3D CONCORD
 MF C19 H17 O4 P
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMINFORMRX, TOXCENTER
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

11 REFERENCES IN FILE CA (1907 TO DATE)
 11 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 7 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

AN 139:117481 CA
 TI An Improved Method for Lewis Acid Catalyzed Phosphoryl Transfer with Ti(t-BuO)4
 AU Jones, Simon; Selitsianos, Dimitrios; Thompson, Kate J.; Toms, Steven M.
 CS School of Natural Sciences-Chemistry, University of Newcastle upon Tyne, Newcastle upon Tyne, NE1 7RU, UK
 SO Journal of Organic Chemistry (2003), 68(13), 5211-5216
 CODEN: JOCEAH; ISSN: 0022-3263
 PB American Chemical Society
 DT Journal
 LA English
 RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

AN 137:384913 CA
TI A Simple and Effective Method for Phosphoryl Transfer Using TiCl_4
Catalysis
AU Jones, Simon; Selitsianos, Dimitrios
CS Department of Chemistry, University of Newcastle upon Tyne Bedson
Building, Newcastle upon Tyne, NE1 7RU, UK
SO Organic Letters (2002), 4(21), 3671-3673
CODEN: ORLEF7; ISSN: 1523-7060
PB American Chemical Society
DT Journal
LA English
RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 3

AN 121:133265 CA
TI Direct transformation of trialkyl phosphates into organolithium compounds
by a DTBB-catalyzed lithiation
AU Guijarro, David; Mancheno, Balbino; Yus, Miguel
CS Dep. Quimica Org., Univ. Alicante, Alicante, 03080, Spain
SO Tetrahedron (1994), 50(28), 8551-8
CODEN: TETRAB; ISSN: 0040-4020
DT Journal
LA English

REFERENCE 4

AN 119:138482 CA
TI Unprecedented γ -selective nucleophilic substitution reaction of
allylmetal reagents: a new cross-coupling of diphenyl phosphates with
allylic Grignard reagents
AU Yanagisawa, A.; Hibino, H.; Nomura, N.; Yamamoto, H.
CS Sch. Eng., Nagoya Univ., Nagoya, Japan
SO Journal of the American Chemical Society (1993), 115(13), 5879-80
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA English

REFERENCE 5

AN 87:21957 CA
TI Capture reactions of short-lived radicals. XVI. Reactions of
trimethylstannyl and trimethylsilyl radicals with tetraphenyldiphosphine,
phosphorus esters and per esters
AU Avar, Geza; Neumann, Wilhelm P.
CS Univ. Dortmund, Dortmund, Fed. Rep. Ger.
SO Journal of Organometallic Chemistry (1977), 131(2), 207-14
CODEN: JORCAI; ISSN: 0022-328X
DT Journal
LA German

REFERENCE 6

AN 71:21145 CA
TI Alkylation of mercaptans and inhibition of "SH enzymes" by saligenin
cyclic phosphate and phosphorothiolate esters
AU Ohkawa, Hideo; Eto, Morifusa
CS Kyushu Univ., Fukuoka, Japan
SO Agricultural and Biological Chemistry (1969), 33(3), 443-51
CODEN: ABCHA6; ISSN: 0002-1369
DT Journal
LA English

REFERENCE 7

AN 67:21239 CA
TI Chlorination of quinquivalent phosphorus esters
AU Green, Michael; Thorp, Deanna M.

CS Univ. Bristol, Bristol, UK
SO Journal of the Chemical Society [Section] C: Organic (1967), (5), 731-4
CODEN: JSOOAX; ISSN: 0022-4952
DT Journal
LA English

REFERENCE 8

AN 65:88244 CA
TI Polarographic activity of esters of phosphoric acid
AU Mairanovskii, V. G.; Fokina, L. N.; Vakulova, L. A.; Samokhvalor, G. I.
SO Zhurnal Obshchei Khimii (1966), 36(7), 1345-6
CODEN: ZOKHA4; ISSN: 0044-460X
DT Journal
LA Russian

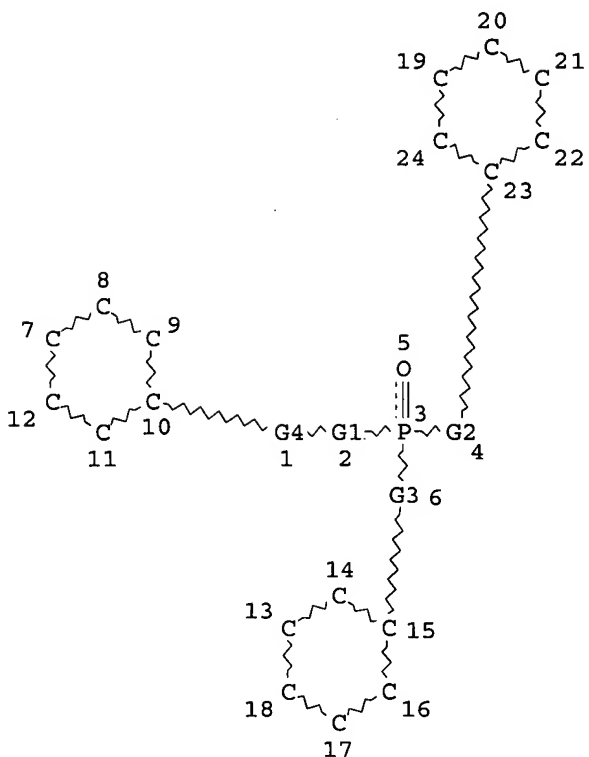
REFERENCE 9

AN 63:97367 CA
TI Mechanism of chlorination of phosphorus esters
AU Green, M.; Thorp, D. M.
CS Univ. Bristol, UK
SO Chemical Communications (London) (1965), (19), 466-7
CODEN: CCOMA8; ISSN: 0009-241X
DT Journal
LA English

REFERENCE 10

AN 58:55628 CA
TI Potentiation and neurotoxicity induced by certain organophosphates
AU Casida, John E.; Baron, Ronald L.; Eto, Morifusa; Engel, Judith L.
CS Univ. of Wisconsin, Madison
SO Biochemical Pharmacology (1963), 12, 73-83
CODEN: BCPCA6; ISSN: 0006-2952
DT Journal
LA Unavailable

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VAR G2=O/N/S
VAR G3=O/S/N
REP G4=(1-10) CH2
ENTER (DIS), GRA, NOD, BON OR ?:end
L1  STRUCTURE CREATED

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=> save temp l1
ENTER NAME OR (END):sn10018971,dis
SN10018971,DIS IS NOT A VALID SAVED NAME
Enter the name you wish to use for the saved query,
answer set, or L-number list. The name must:

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1. Begin with a letter,
2. Have 1-12 characters,
3. Contain only letters (A-Z) and numbers (0-9),
4. End with /Q for a query (search profile, structure, or screen set), /A for an answer set, or /L for an L-number list.
5. Not already be in use as a saved name,
6. Not be END, SAV, SAVE, SAVED
7. Not have the form of an L-number (Lnnn).

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ENTER NAME OR (END):sn10018971/q
QUERY L1 HAS BEEN SAVED AS 'SN10018971/Q'

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FULL SEARCH INITIATED 16:50:38 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 88619 TO ITERATE

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100.0% PROCESSED 88619 ITERATIONS
SEARCH TIME: 00.00.02

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118 ANSWERS

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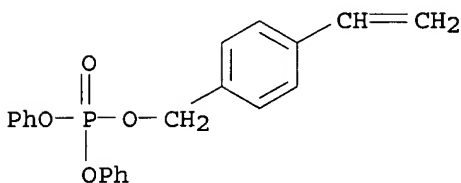
L2 ANSWER 1 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 601522-10-5 REGISTRY
CN Phosphoric acid, (4-ethenylphenyl)methyl diphenyl ester, polymer with
1-(chloromethyl)-4-ethenylbenzene and ethenylbenzene, compd. with

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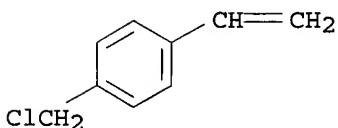
MF N,N-dimethyl-1-hexadecanamine (9CI) (CA INDEX NAME)
 PCT (C21 H19 O4 P . C9 H9 Cl . C8 H8)x . x C18 H39 N
 SR Polystyrene
 LC CA
 STN Files: CA, CAPLUS
 CM 1
 CRN 112-69-6
 CMF C18 H39 N

Me₂N-(CH₂)₁₅-Me

CM 2
 CRN 601522-09-2
 CMF (C21 H19 O4 P . C9 H9 Cl . C8 H8)x
 CCI PMS
 CM 3
 CRN 601522-04-7
 CMF C21 H19 O4 P



CM 4
 CRN 1592-20-7
 CMF C9 H9 Cl



CM 5
 CRN 100-42-5
 CMF C8 H8

H₂C=CH-Ph

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

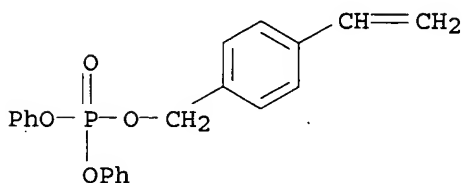
AN 139:261884 CA
 TI Flame retardancy of polystyrene nanocomposites based on an oligomeric organically-modified clay containing phosphate

AU Zheng, Xiaoxia; Wilkie, Charles A.
 CS Department of Chemistry, Marquette University, Milwaukee, WI, 53233, USA
 SO Polymer Degradation and Stability (2003), 81(3), 539-550
 CODEN: PDSTDW; ISSN: 0141-3910
 PB Elsevier Science B.V.
 DT Journal
 LA English
 RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 601522-09-2 REGISTRY
 CN Phosphoric acid, (4-ethenylphenyl)methyl diphenyl ester, polymer with
 1-(chloromethyl)-4-ethenylbenzene and ethenylbenzene (9CI) (CA INDEX
 NAME)
 MF (C21 H19 O4 P . C9 H9 Cl . C8 H8)x
 CI PMS, COM
 PCT Polystyrene
 SR CA

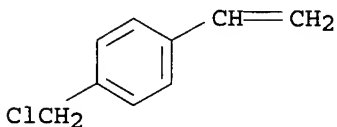
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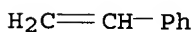
CM 2

CRN 1592-20-7
 CMF C9 H9 Cl

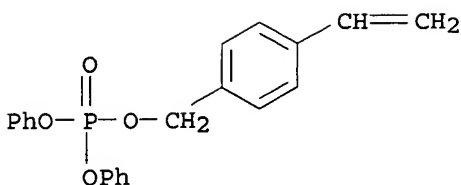


CM 3

CRN 100-42-5
 CMF C8 H8



L2 ANSWER 3 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 601522-04-7 REGISTRY
 CN Phosphoric acid, (4-ethenylphenyl)methyl diphenyl ester (9CI) (CA INDEX
 NAME)
 FS 3D CONCORD
 MF C21 H19 O4 P
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS



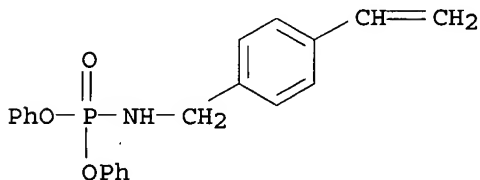
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 139:261884 CA
TI Flame retardancy of polystyrene nanocomposites based on an oligomeric organically-modified clay containing phosphate
AU Zheng, Xiaoxia; Wilkie, Charles A.
CS Department of Chemistry, Marquette University, Milwaukee, WI, 53233, USA
SO Polymer Degradation and Stability (2003), 81(3), 539-550
CODEN: PDSTDW; ISSN: 0141-3910
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 4 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 527759-19-9 REGISTRY
CN Phosphoramidic acid, [(4-ethenylphenyl)methyl]-, diphenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H20 N O3 P
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

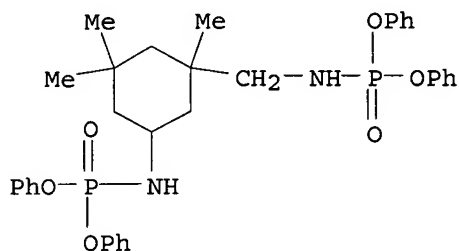
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 138:385908 CA
TI Organophosphorus compounds having polymerizable unsaturated bonds
IN Fujita, Akinori; Wakata, Yuichi
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

 PI JP 2003146994 A2 20030521 JP 2001-346937 20011113
 PRAI JP 2001-346937 20011113

L2 ANSWER 5 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 519040-35-8 REGISTRY
 CN Phosphoramidic acid, [3-[[[(diphenoxyphosphinyl)amino]methyl]-3,5,5-trimethylcyclohexyl]-, diphenyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C34 H40 N2 O6 P2
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

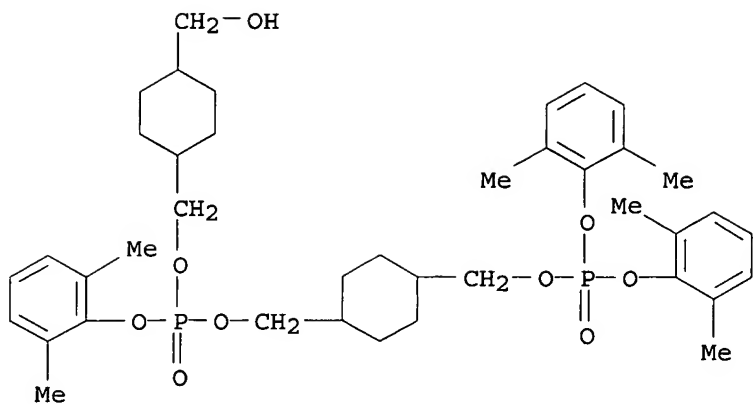
AN 138:369701 CA
 TI Thermally stable fireproofing phosphoramides, their manufacture, and fire-resistant resin compositions containing them
 IN Onchi, Yoko; Takahashi, Ikuo; Imanishi, Shinichiro
 PA Daicel Chemical Industries, Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 12 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 2003128685	A2	20030508	JP 2001-329213	20011026
PRAI	JP 2001-329213		20011026		

L2 ANSWER 6 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 476371-36-5 REGISTRY
 CN Phosphoric acid, [4-[[[bis(2,6-dimethylphenoxy)phosphinyl]oxy]methyl]cyclohexyl]methyl 2,6-dimethylphenyl [4-(hydroxymethyl)cyclohexyl]methyl ester (9CI) (CA INDEX NAME)
 MF C40 H56 O9 P2
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

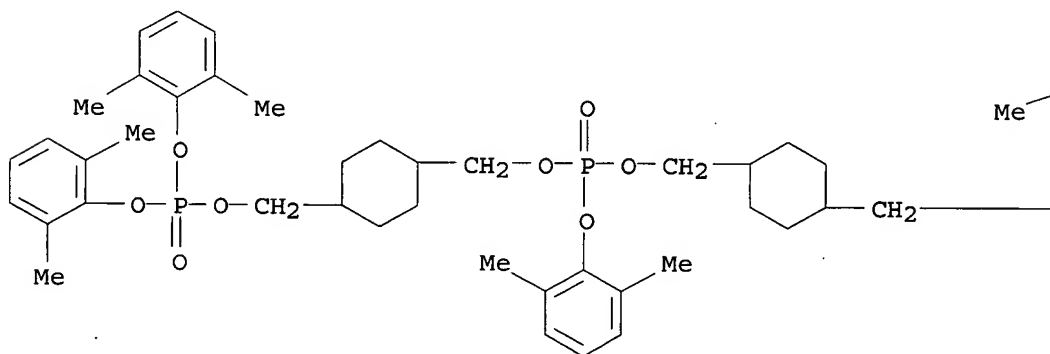
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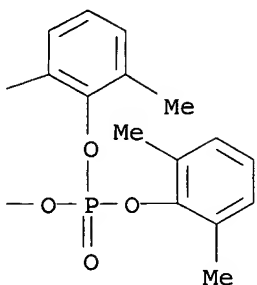
AN 138:5222 CA
TI Thermoplastic resin compositions, heat sensitive adhesives and sheets therewith
IN Takahashi, Ikuo; Mizumoto, Kiyoharu
PA Daicel Chemical Industries, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002338826	A2	20021127	JP 2001-153171	20010522
PRAI	JP 2001-153171		20010522		

L2 ANSWER 7 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 476371-35-4 REGISTRY
CN Phosphoric acid, bis[[4-[[[bis(2,6-dimethylphenoxy)phosphinyl]oxy]methyl]cyclohexyl]methyl] 2,6-dimethylphenyl ester (9CI) (CA INDEX NAME)
MF C56 H73 O12 P3
SR CA
LC STN Files: CA, CAPLUS

PAGE 1-A





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

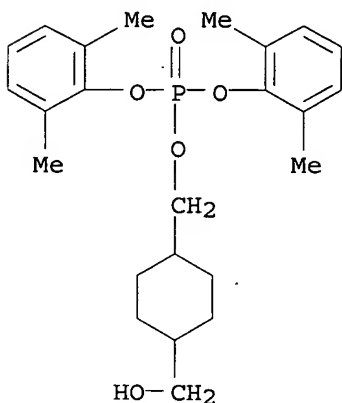
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 138:5222 CA
TI Thermoplastic resin compositions, heat sensitive adhesives and sheets therewith
IN Takahashi, Ikuo; Mizumoto, Kiyoharu
PA Daicel Chemical Industries, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002338826	A2	20021127	JP 2001-153171	20010522
PRAI	JP 2001-153171		20010522		

L2 ANSWER 8 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 476371-34-3 REGISTRY
CN Phosphoric acid, bis(2,6-dimethylphenyl) [4-(hydroxymethyl)cyclohexyl]meth
yl ester (9CI) (CA INDEX NAME)
MF C24 H33 O5 P
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

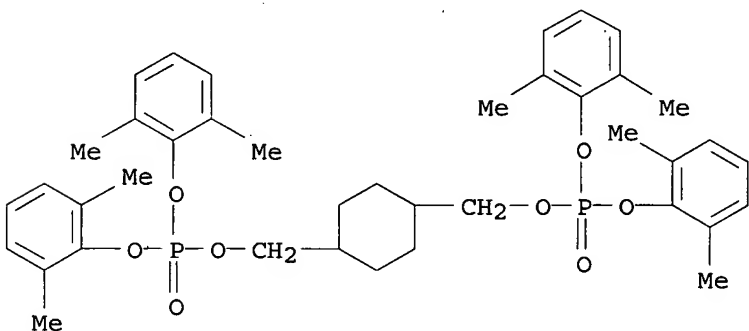
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 138:5222 CA
TI Thermoplastic resin compositions, heat sensitive adhesives and sheets therewith
IN Takahashi, Ikuo; Mizumoto, Kiyoharu
PA Daicel Chemical Industries, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002338826	A2	20021127	JP 2001-153171	20010522
PRAI	JP 2001-153171	20010522			

L2 ANSWER 9 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 476371-33-2 REGISTRY
CN Phosphoric acid, 1,4-cyclohexanediylbis(methylene) tetrakis(2,6-dimethylphenyl) ester (9CI) (CA INDEX NAME)
MF C40 H50 O8 P2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

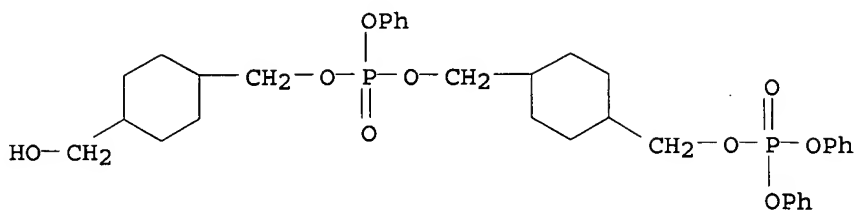
REFERENCE 1

AN 138:5222 CA
TI Thermoplastic resin compositions, heat sensitive adhesives and sheets therewith
IN Takahashi, Ikuo; Mizumoto, Kiyoharu
PA Daicel Chemical Industries, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002338826	A2	20021127	JP 2001-153171	20010522
PRAI	JP 2001-153171	20010522			

L2 ANSWER 10 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 476371-30-9 REGISTRY
CN Phosphoric acid, [4-[[[(diphenoxyphosphinyl)oxy]methyl]cyclohexyl]methyl [4-(hydroxymethyl)cyclohexyl]methyl phenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C34 H44 O9 P2

SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

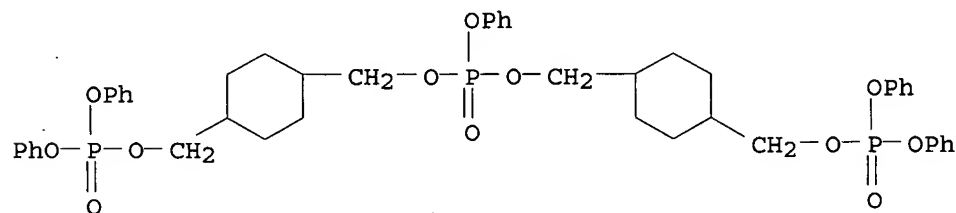
AN 138:5222 CA
TI Thermoplastic resin compositions, heat sensitive adhesives and sheets
therewith
IN Takahashi, Ikuo; Mizumoto, Kiyoharu
PA Daicel Chemical Industries, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002338826	A2	20021127	JP 2001-153171	20010522
PRAI	JP 2001-153171		20010522		

L2 ANSWER 11 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 476371-29-6 REGISTRY
CN Phosphoric acid, bis[[4-[[[(diphenoxyphosphinyl)oxy]methyl]cyclohexyl]methy
l] phenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C46 H53 O12 P3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 138:5222 CA
TI Thermoplastic resin compositions, heat sensitive adhesives and sheets
therewith
IN Takahashi, Ikuo; Mizumoto, Kiyoharu
PA Daicel Chemical Industries, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 10 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002338826	A2	20021127	JP 2001-153171	20010522
PRAI	JP 2001-153171		20010522		

L2 ANSWER 12 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN

RN 476371-28-5 REGISTRY

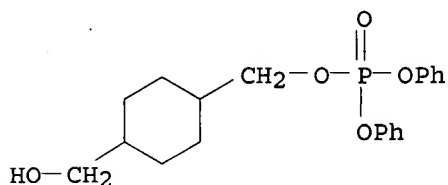
CN Phosphoric acid, [4-(hydroxymethyl)cyclohexyl]methyl diphenyl ester (9CI)
(CA INDEX NAME)

FS 3D CONCORD

MF C20 H25 O5 P

SR CA

LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 138:5222 CA

TI Thermoplastic resin compositions, heat sensitive adhesives and sheets therewith

IN Takahashi, Ikuo; Mizumoto, Kiyoharu

PA Daicel Chemical Industries, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 10 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002338826	A2	20021127	JP 2001-153171	20010522
PRAI	JP 2001-153171		20010522		

L2 ANSWER 13 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN

RN 476371-27-4 REGISTRY

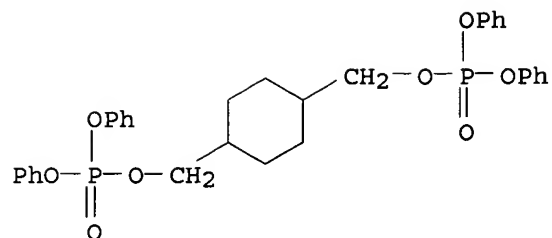
CN Phosphoric acid, 1,4-cyclohexanediylbis(methylene) tetraphenyl ester (9CI)
(CA INDEX NAME)

FS 3D CONCORD

MF C32 H34 O8 P2

SR CA

LC STN Files: CA, CAPLUS



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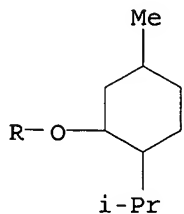
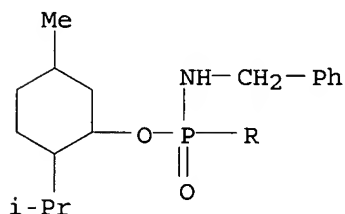
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 138:5222 CA
TI Thermoplastic resin compositions, heat sensitive adhesives and sheets therewith
IN Takahashi, Ikuo; Mizumoto, Kiyoharu
PA Daicel Chemical Industries, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002338826	A2	20021127	JP 2001-153171	20010522
PRAI	JP 2001-153171		20010522		

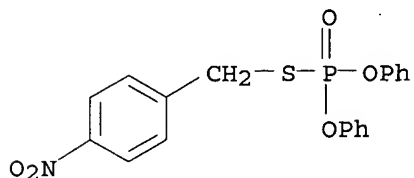
L2 ANSWER 14 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 474879-12-4 REGISTRY
CN Phosphoramidic acid, (phenylmethyl)-, bis[5-methyl-2-(1-methylethyl)cyclohexyl] ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C27 H46 N O3 P
SR Chemical Library
LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

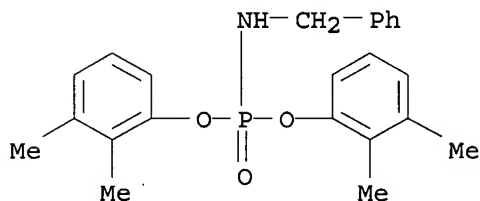
L2 ANSWER 15 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN

RN 438541-45-8 REGISTRY
 CN Phosphorothioic acid, S-[(4-nitrophenyl)methyl] O,O-diphenyl ester (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C19 H16 N O5 P S
 SR Chemical Library
 LC STN Files: CHEMCATS



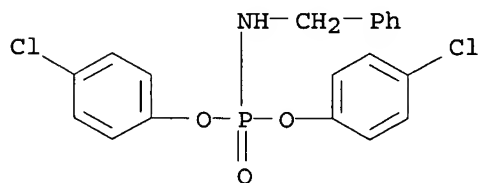
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 ANSWER 16 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 406471-98-5 REGISTRY
 CN Phosphoramidic acid, (phenylmethyl)-, bis(2,3-dimethylphenyl) ester (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C23 H26 N O3 P
 SR Chemical Library
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

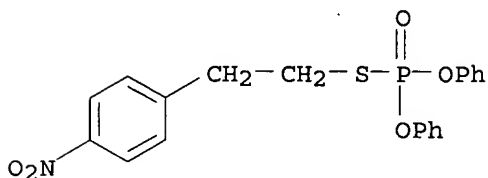
L2 ANSWER 17 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 406471-86-1 REGISTRY
 CN Phosphoramidic acid, (phenylmethyl)-, bis(4-chlorophenyl) ester (9CI) (CA
 INDEX NAME)
 FS 3D CONCORD
 MF C19 H16 Cl2 N O3 P
 SR Chemical Library
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

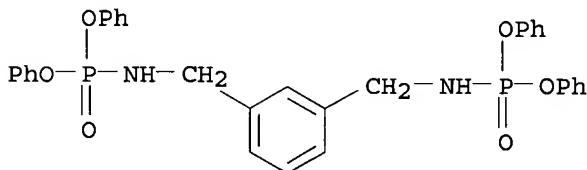
L2 ANSWER 18 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN

RN 397848-74-7 REGISTRY
 CN Phosphorothioic acid, S-[2-(4-nitrophenyl)ethyl] O,O-diphenyl ester (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H18 N O5 P S
 SR Chemical Library
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 ANSWER 19 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 382596-16-9 REGISTRY
 CN Phosphoramidic acid, [1,3-phenylenebis(methylene)]bis-, tetraphenyl ester
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C32 H30 N2 O6 P2
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 136:54631 CA
 TI Halogen-free epoxy resin compositions fireproofed by phosphoric amides
 IN Saito, Seiichi; Mori, Takahiro
 PA Asahi Denka Kogyo K. K., Japan
 SO Jpn. Kokai Tokkyo Koho, 16 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

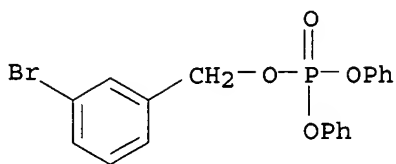
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PI	JP 2001354836	A2	20011225	JP 2000-177676	20000614
PRAI	JP 2000-177676		20000614		

L2 ANSWER 20 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 371754-82-4 REGISTRY
 CN Phosphoric acid, (3-bromophenyl)methyl diphenyl ester (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 3-Bromobenzyl diphenyl phosphate
 FS 3D CONCORD

MF C19 H16 Br O4 P
SR CA
LC STN Files: CA, CAPLUS



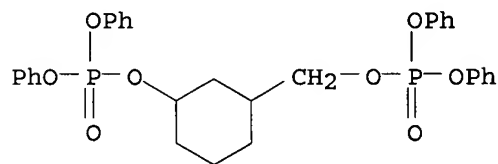
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 135:344346 CA
TI Annulation of Aromatic Imines via Directed C-H Activation with Wilkinson's Catalyst
AU Thalji, R. K.; Ahrendt, K. A.; Bergman, R. G.; Ellman, J. A.
CS Center for New Directions in Organic Synthesis Department of Chemistry, University of California, Berkeley, CA, 94720, USA
SO Journal of the American Chemical Society (2001), 123(39), 9692-9693
CODEN: JACSAT; ISSN: 0002-7863
PB American Chemical Society
DT Journal
LA English
RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 21 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 371159-72-7 REGISTRY
CN Phosphoric acid, [3-[(diphenoxyphosphinyl)oxy]cyclohexyl]methyl diphenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C31 H32 O8 P2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 135:344286 CA
TI Preparation of phosphoric acid triesters as flame retardants, plasticizers, or stabilizers
IN Onchi, Yoko; Takahashi, Ikuo
PA Daicel Chemical Industries, Ltd., Japan
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081356	A1	20011101	WO 2001-JP3423	20010420
	W: CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	EP 1277758	A1	20030122	EP 2001-921971	20010420
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	TW 523520	B	20030311	TW 2001-90109890	20010425
	US 2003109736	A1	20030612	US 2001-18971	20011226
PRAI	JP 2000-125777	20000426			
	JP 2000-125778	20000426			
	JP 2000-125779	20000426			
	JP 2000-247140	20000817			
	JP 2000-339664	20001107			
	WO 2001-JP3423	20010420			

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 22 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN

RN 371158-68-8 REGISTRY

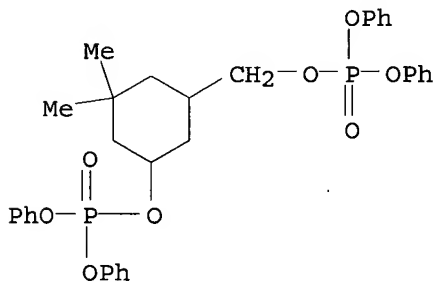
CN Phosphoric acid, [5-[(diphenoxyphosphinyl)oxy]-3,3-dimethylcyclohexyl]methyl diphenyl ester (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C33 H36 O8 P2

SR CA

LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 135:344286 CA

TI Preparation of phosphoric acid triesters as flame retardants, plasticizers, or stabilizers

IN Onchi, Yoko; Takahashi, Ikuo

PA Daicel Chemical Industries, Ltd., Japan

SO PCT Int. Appl., 86 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

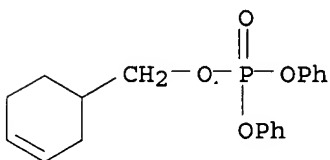
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081356	A1	20011101	WO 2001-JP3423	20010420
	W: CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI, CY, TR

TW 523520 B 20030311 TW 2001-90109890 20010425
US 2003109736 A1 20030612 US 2001-18971 20011226
PRAI JP 2000-125777 20000426
JP 2000-125778 20000426
JP 2000-125779 20000426
JP 2000-247140 20000817
JP 2000-339664 20001107
WO 2001-JP3423 20010420

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 23 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 371158-67-7 REGISTRY
CN Phosphoric acid, 3-cyclohexen-1-ylmethyl diphenyl ester (9CI) (CA INDEX
NAME)
FS 3D CONCORD
MF C19 H21 O4 P
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

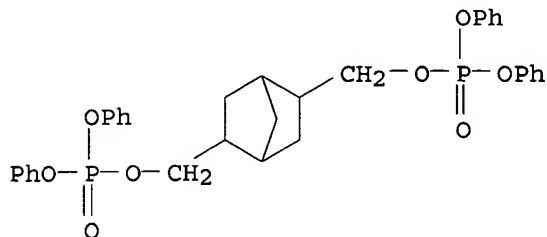
REFERENCE 1

AN 135:344286 CA
TI Preparation of phosphoric acid triesters as flame retardants,
plasticizers, or stabilizers
IN Onchi, Yoko; Takahashi, Ikuo
PA Daicel Chemical Industries, Ltd., Japan
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081356	A1	20011101	WO 2001-JP3423	20010420
	W: CN, JP, KR, US RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	EP 1277758	A1	20030122	EP 2001-921971	20010420
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	TW 523520	B	20030311	TW 2001-90109890	20010425
	US 2003109736	A1	20030612	US 2001-18971	20011226
PRAI	JP 2000-125777	20000426			
	JP 2000-125778	20000426			
	JP 2000-125779	20000426			
	JP 2000-247140	20000817			
	JP 2000-339664	20001107			
	WO 2001-JP3423	20010420			

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 24 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 371158-63-3 REGISTRY
 CN Phosphoric acid, bicyclo[2.2.1]heptane-2,5-diylbis(methylene) tetraphenyl
 ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C33 H34 O8 P2
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

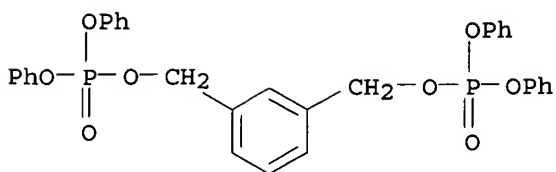
REFERENCE 1

AN 135:344286 CA
 TI Preparation of phosphoric acid triesters as flame retardants,
 plasticizers, or stabilizers
 IN Onchi, Yoko; Takahashi, Ikuo
 PA Daicel Chemical Industries, Ltd., Japan
 SO PCT Int. Appl., 86 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001081356	A1	20011101	WO 2001-JP3423	20010420
W: CN, JP, KR, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
EP 1277758	A1	20030122	EP 2001-921971	20010420
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
TW 523520	B	20030311	TW 2001-90109890	20010425
US 2003109736	A1	20030612	US 2001-18971	20011226
PRAI JP 2000-125777	20000426			
JP 2000-125778	20000426			
JP 2000-125779	20000426			
JP 2000-247140	20000817			
JP 2000-339664	20001107			
WO 2001-JP3423	20010420			

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 25 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 371158-62-2 REGISTRY
 CN Phosphoric acid, 1,3-phenylenebis(methylene) tetraphenyl ester (9CI) (CA
 INDEX NAME)
 FS 3D CONCORD
 MF C32 H28 O8 P2
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

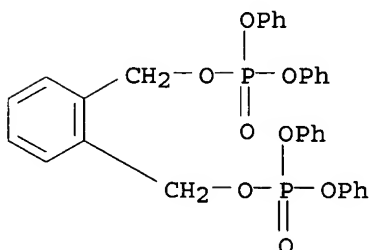
REFERENCE 1

AN 135:344286 CA
TI Preparation of phosphoric acid triesters as flame retardants,
plasticizers, or stabilizers
IN Onchi, Yoko; Takahashi, Ikuo
PA Daicel Chemical Industries, Ltd., Japan
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	TW 523520	B	20030311	TW 2001-90109890	20010425
	US 2003109736	A1	20030612	US 2001-18971	20011226
PRAI	JP 2000-125777	20000426			
	JP 2000-125778	20000426			
	JP 2000-125779	20000426			
	JP 2000-247140	20000817			
	JP 2000-339664	20001107			
	WO 2001-JP3423	20010420			

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 26 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 371158-61-1 REGISTRY
CN Phosphoric acid, 1,2-phenylenebis(methylene) tetraphenyl ester (9CI) (CA
INDEX NAME)
FS 3D CONCORD
MF C32 H28 O8 P2
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

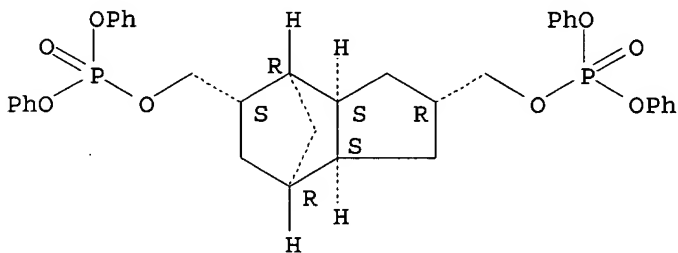
AN 135:344286 CA
TI Preparation of phosphoric acid triesters as flame retardants,
plasticizers, or stabilizers
IN Onchi, Yoko; Takahashi, Ikuo
PA Daicel Chemical Industries, Ltd., Japan
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081356	A1	20011101	WO 2001-JP3423	20010420
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	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
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	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
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	US 2003109736	A1	20030612	US 2001-18971	20011226
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	JP 2000-339664	20001107			
	WO 2001-JP3423	20010420			

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 27 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 371158-60-0 REGISTRY
CN Phosphoric acid, [(2R,3aS,4R,5S,7R,7aS)-octahydro-4,7-methano-1H-indene-2,5-diyl]bis(methylene) tetraphenyl ester (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C36 H38 O8 P2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

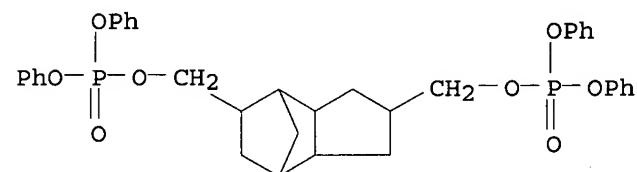
AN 135:344286 CA
TI Preparation of phosphoric acid triesters as flame retardants,
plasticizers, or stabilizers

IN Onchi, Yoko; Takahashi, Ikuo
PA Daicel Chemical Industries, Ltd., Japan
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
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	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	TW 523520	B	20030311	TW 2001-90109890	20010425
	US 2003109736	A1	20030612	US 2001-18971	20011226
PRAI	JP 2000-125777	20000426			
	JP 2000-125778	20000426			
	JP 2000-125779	20000426			
	JP 2000-247140	20000817			
	JP 2000-339664	20001107			
	WO 2001-JP3423	20010420			

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 28 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 371158-59-7 REGISTRY
CN Phosphoric acid, (octahydro-4,7-methano-1H-indene-2,5-diyl)bis(methylene) tetraphenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C36 H38 O8 P2
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

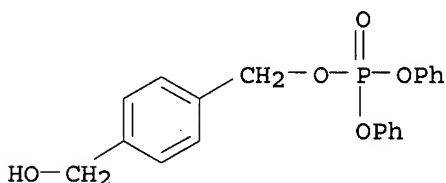
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 135:344286 CA
TI Preparation of phosphoric acid triesters as flame retardants, plasticizers, or stabilizers
IN Onchi, Yoko; Takahashi, Ikuo
PA Daicel Chemical Industries, Ltd., Japan
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081356	A1	20011101	WO 2001-JP3423	20010420
	W: CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				

EP 1277758 A1 20030122 EP 2001-921971 20010420
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI, CY, TR
TW 523520 B 20030311 TW 2001-90109890 20010425
US 2003109736 A1 20030612 US 2001-18971 20011226
PRAI JP 2000-125777 20000426
JP 2000-125778 20000426
JP 2000-125779 20000426
JP 2000-247140 20000817
JP 2000-339664 20001107
WO 2001-JP3423 20010420
RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT
L2 ANSWER 29 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 331970-08-2 REGISTRY
CN Phosphoric acid, [4-(hydroxymethyl)phenyl]methyl diphenyl ester (9CI) (CA
INDEX NAME)
FS 3D CONCORD
MF C20 H19 O5 P
SR CA
LC STN Files: CA, CAPLUS



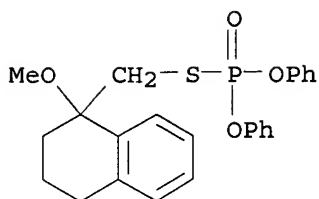
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 134:267014 CA
TI Cross-linking of polystyrene by Friedel-Crafts chemistry: multifunctional
additives
AU Yao, Hongyang; Zhu, Jin; McKinney, Michael A.; Wilkie, Charles A.
CS Department of Chemistry, Marquette University, Milwaukee, WI, 53201, USA
SO Journal of Vinyl & Additive Technology (2000), 6(4), 205-210
CODEN: JVATF4; ISSN: 1083-5601
PB Society of Plastics Engineers
DT Journal
LA English
RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 30 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 328118-86-1 REGISTRY
CN Phosphorothioic acid, O,O-diphenyl S-[(1,2,3,4-tetrahydro-1-methoxy-1-
naphthalenyl)methyl] ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H25 O4 P S
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 134:214916 CA
TI Negative-working photoimaging materials having acid-amplifying layers for
presensitized lithographic plates
IN Shimada, Kazuto; Kunita, Kazuto
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 66 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

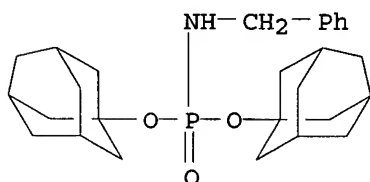
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001060004	A2	20010306	JP 1999-235452	19990823
PRAI	JP 1999-235452		19990823		

REFERENCE 2

AN 134:200573 CA
TI Negative-working light- or heat-sensitive image recording materials
IN Shimada, Kazuto; Kunida, Kazuto
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 63 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

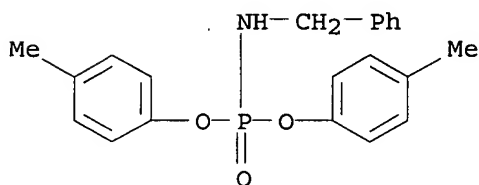
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001060006	A2	20010306	JP 1999-235451	19990823
PRAI	JP 1999-235451		19990823		

L2 ANSWER 31 OF 118 REGISTRY. COPYRIGHT 2003 ACS on STN
RN 324036-82-0 REGISTRY
CN Phosphoramidic acid, (phenylmethyl)-, bis(tricyclo[3.3.1.1^{3,7}]dec-1-yl)
ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C27 H38 N O3 P
SR Chemical Library
LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

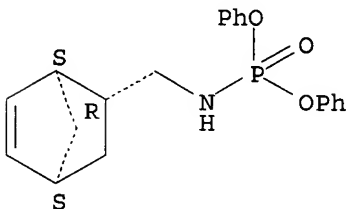
L2 ANSWER 32 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 298191-88-5 REGISTRY
 CN Phosphoramidic acid, (phenylmethyl)-, bis(4-methylphenyl) ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C21 H22 N O3 P
 SR Chemical Library
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 ANSWER 33 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 250784-14-6 REGISTRY
 CN Phosphoramidic acid, [(1R,2S,4R)-bicyclo[2.2.1]hept-5-en-2-ylmethyl]-, diphenyl ester, rel- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C20 H22 N O3 P
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

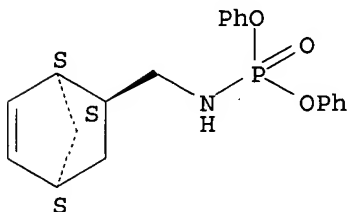
REFERENCE 1

AN 132:3397 CA
 TI Stereochemical aspect of epoxidation of phosphonic amides from norbornane series
 AU Kas'yan, A. O.; Tarabara, I. N.; Kas'yan, L. I.
 CS Ukraine State Chemical Technology University, Dnepropetrovsk, Russia
 SO Russian Journal of Organic Chemistry (Translation of Zhurnal Organicheskoi Khimii) (1999), 35(4), 626-627
 CODEN: RJOCEQ; ISSN: 1070-4280
 PB MAIK Nauka/Interperiodica Publishing
 DT Journal
 LA English
 RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 34 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN

RN 250784-13-5 REGISTRY
 CN Phosphoramidic acid, [(1R,2R,4R)-bicyclo[2.2.1]hept-5-en-2-ylmethyl]-, diphenyl ester, rel- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C20 H22 N O3 P
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

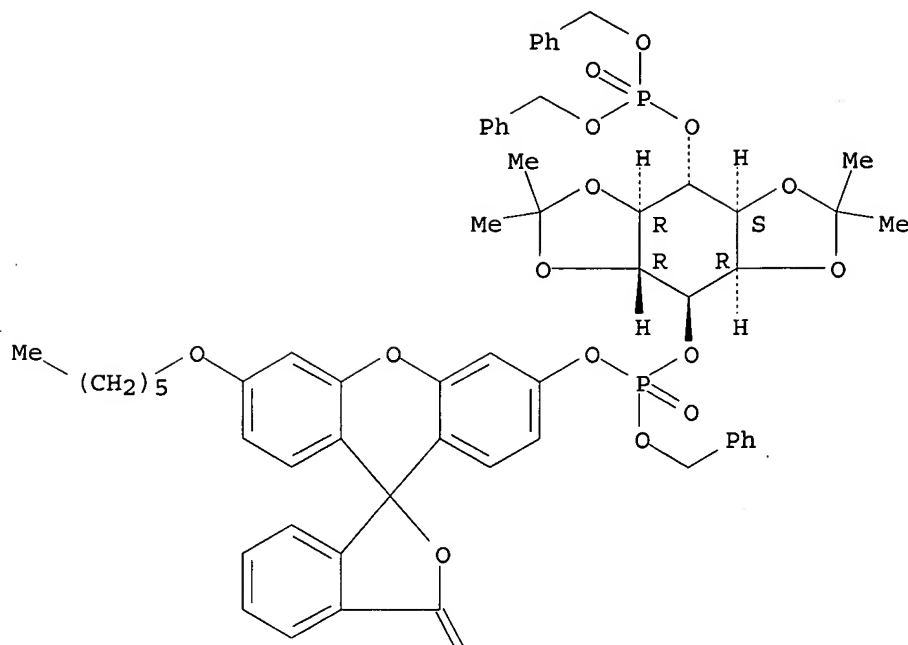
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 132:3397 CA
 TI Stereochemical aspect of epoxidation of phosphonic amides from norbornane series
 AU Kas'yan, A. O.; Tarabara, I. N.; Kas'yan, L. I.
 CS Ukraine State Chemical Technology University, Dnepropetrovsk, Russia
 SO Russian Journal of Organic Chemistry (Translation of Zhurnal Organicheskoi Khimii) (1999), 35(4), 626-627
 CODEN: RJOCEQ; ISSN: 1070-4280
 PB MAIK Nauka/Interperiodica Publishing
 DT Journal
 LA English
 RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 35 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 233764-72-2 REGISTRY
 CN myo-Inositol, 1,2:4,5-bis-O-(1-methylethylidene)-, 6-[bis(phenylmethyl)phosphate] 3-[6'-(hexyloxy)-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3'-yl phenylmethyl phosphate] (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C59 H62 O16 P2
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.



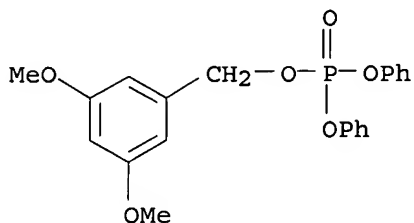
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 131:127297 CA
TI Synthesis of a new fluorogenic substrate for the continuous assay of
mammalian phosphoinositide-specific phospholipase C
AU Rukavishnikov, Aleksey V.; Zaikova, Tatiana O.; Birrell, G. Bruce; Keana,
John F. W.; Griffith, O. Hayes
CS Department of Chemistry, University of Oregon, Eugene, OR, 97403, USA
SO Bioorganic & Medicinal Chemistry Letters (1999), 9(8), 1133-1136
CODEN: BMCLE8; ISSN: 0960-894X
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 36 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 225656-82-6 REGISTRY
CN Phosphoric acid, (3,5-dimethoxyphenyl)methyl diphenyl ester (9CI) (CA
INDEX NAME)
FS 3D CONCORD
MF C21 H21 O6 P
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

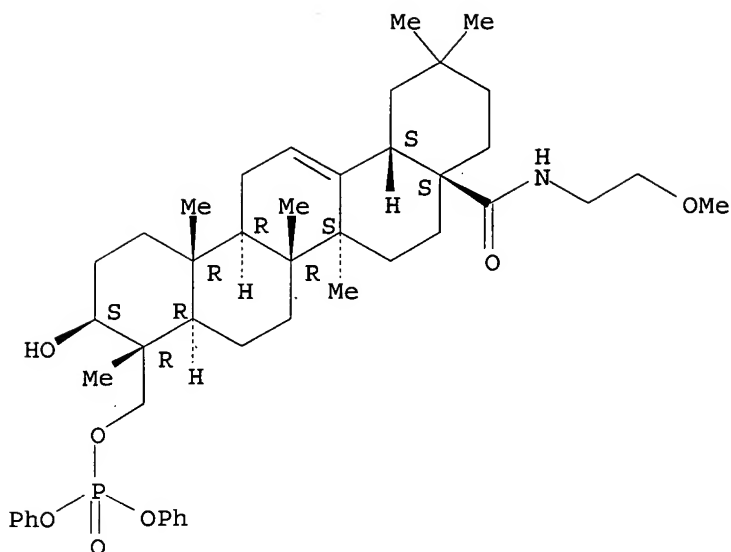
AN 135:195756 CA
TI Efficient Asymmetric Synthesis of Biologically Important Tryptophan Analogues via a Palladium-Mediated Heteroannulation Reaction
AU Ma, Chunrong; Liu, Xiaoxiang; Li, Xiaoyan; Flippen-Anderson, Judith; Yu, Shu; Cook, James M.
CS Department of Chemistry, University of Wisconsin-Milwaukee, Milwaukee, WI, 53201, USA
SO Journal of Organic Chemistry (2001), 66(13), 4525-4542
CODEN: JOCEAH; ISSN: 0022-3263
PB American Chemical Society
DT Journal
LA English
RE.CNT 96 THERE ARE 96 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

AN 131:4927 CA
TI Effect of the leaving group on the alkylation diastereoselectivity of the Schollkopf chiral auxiliary
AU Ma, Chunrong; He, Xiaohui; Liu, Xiaoxiang; Yu, Shu; Zhao, Shuo; Cook, James M.
CS Department of Chemistry, University of Wisconsin-Milwaukee, Milwaukee, WI, 53201, USA
SO Tetrahedron Letters (1999), 40(15), 2917-2918
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 37 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 219551-54-9 REGISTRY
CN Olean-12-en-28-amide, 23-[(diphenoxyphosphinyl)oxy]-3-hydroxy-N-(2-methoxyethyl)-, (3.beta.,4.alpha.)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C45 H64 N O7 P
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 130:95698 CA
TI Triterpene derivatives and medicinal composition
IN Segawa, Jun; Matsuoka, Masato; Yoshifusa, Hiroto; Nakamura, Akio
PA Nippon Shinyaku Co., Ltd., Japan
SO PCT Int. Appl., 150 pp.
CODEN: PIXXD2

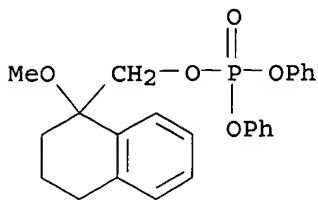
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9858946	A1	19981230	WO 1998-JP2779	19980619
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9880382	A1	19990104	AU 1998-80382	19980619
PRAI	JP 1997-167484		19970624		
	WO 1998-JP2779		19980619		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 38 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 208760-25-2 REGISTRY
CN Phosphoric acid, diphenyl (1,2,3,4-tetrahydro-1-methoxy-1-naphthalenyl)methyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H25 O5 P
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 132:94655 CA
TI Trisubstituted pyridine dyes
IN Marshall, John L.
PA Polaroid Corp., USA
SO U.S., 38 pp., Cont.-in-part of U. S. 5,914,213.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6015907	A	20000118	US 1997-979375	19971126
	US 6110638	A	20000829	US 1996-757195	19961127
	US 6004719	A	19991221	US 1997-858659	19970519
	US 5914213	A	19990622	US 1997-944284	19971006
PRAI	US 1996-757195		19961127		
	US 1997-858659		19970519		
	US 1997-944284		19971006		
	US 1994-232725		19940425		
	US 1995-430420		19950428		

RE.CNT 76 THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

AN 129:74063 CA
TI Process and composition for generating acid for imaging compositions
IN Grasshoff, Jurgen M.; Marshall, John L.; Minns, Richard A.; Ramos, Socorro M.; Stroud, Stephen G.; Telfer, Stephen J.; Yang, Haixin; Boggs, Roger A.; Kolb, Eric S.
PA Polaroid Corporation, USA; Grasshoff, Jurgen M.; Marshall, John L.; Minns, Richard A.; Ramos, Socorro M.; Stroud, Stephen G.; Telfer, Stephen J.; Yang, Haixin; Boggs, Roger A.; Kolb, Eric S.
SO PCT Int. Appl., 97 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9824000	A1	19980604	WO 1997-US21856	19971126
	W: CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6110638	A	20000829	US 1996-757195	19961127
	US 6004719	A	19991221	US 1997-858659	19970519
	US 5914213	A	19990622	US 1997-944284	19971006
	EP 951661	A1	19991027	EP 1997-947637	19971126
	R: DE, FR, GB, IT, NL				
PRAI	US 1996-757195		19961127		
	US 1997-858659		19970519		
	US 1997-944284		19971006		
	US 1994-232725		19940425		

US 1995-430420 19950428

WO 1997-US21856 19971126

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 39 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN

RN 206869-99-0 REGISTRY

CN Benzoic acid, 4-[[[4-[3-[(2,5-dioxo-1-pyrrolidinyl)oxy]-3-oxopropyl]phenyl]amino](phenylmethoxy)phosphinyl]oxy]-, phenylmethyl ester
(9CI) (CA INDEX NAME)

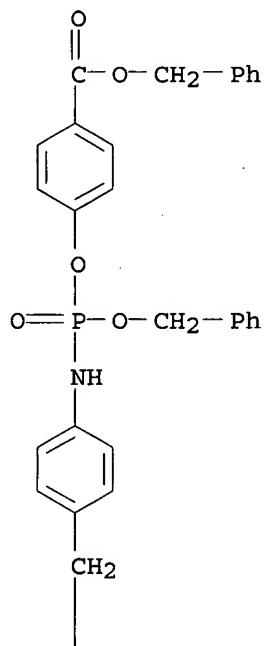
FS 3D CONCORD

MF C34 H31 N2 O9 P

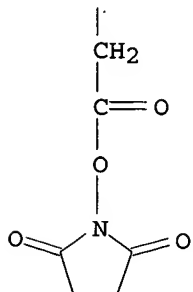
SR CA

LC STN Files: CA, CAPLUS

PAGE 1-A



PAGE 2-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 128:321692 CA

TI A general method for the synthesis of O-alkyl N,O'-arylphosphoramidates and its application to the synthesis of a transition state analog for carbamate hydrolysis

AU Taylor, Scott D.; Chen, Mei-Jin; Dinaut, A. Nicole; Batey, Robert A.

CS Department of Chemistry, University of Toronto, Mississauga, ON, L5L 1C6, Can.

SO Tetrahedron (1998), 54(17), 4223-4242
CODEN: TETRAB; ISSN: 0040-4020

PB Elsevier Science Ltd.

DT Journal

LA English

RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 40 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN

RN 206869-98-9 REGISTRY

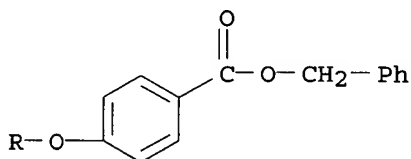
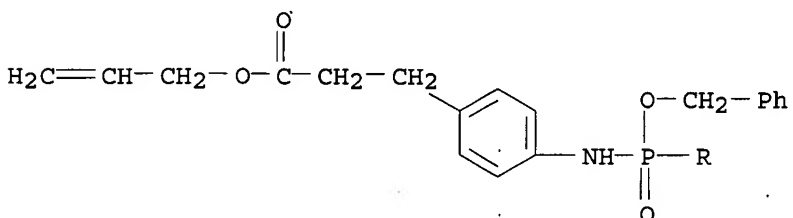
CN Benzenepropanoic acid, 4-[[[(phenylmethoxy) [4-[(phenylmethoxy)carbonyl]phenoxy]phosphinyl]amino]-, 2-propenyl ester (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C33 H32 N O7 P

SR CA

LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 128:321692 CA

TI A general method for the synthesis of O-alkyl N,O'-arylphosphoramidates and its application to the synthesis of a transition state analog for carbamate hydrolysis

AU Taylor, Scott D.; Chen, Mei-Jin; Dinaut, A. Nicole; Batey, Robert A.

CS Department of Chemistry, University of Toronto, Mississauga, ON, L5L 1C6, Can.

SO Tetrahedron (1998), 54(17), 4223-4242
CODEN: TETRAB; ISSN: 0040-4020

PB Elsevier Science Ltd.

DT Journal

LA English

RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

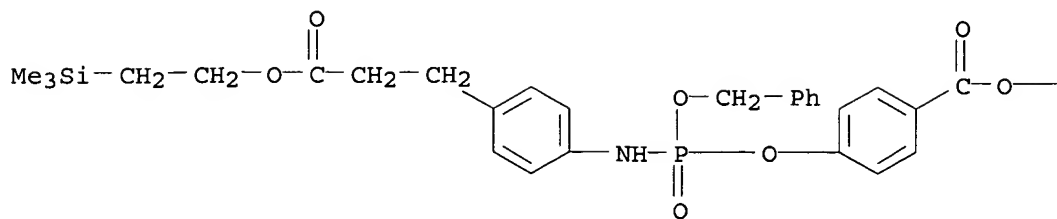
L2 ANSWER 41 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN

RN 206869-96-7 REGISTRY

CN Benzenepropanoic acid, 4-[[[(phenylmethoxy) [4-[(phenylmethoxy)carbonyl]phenoxy]phosphinyl]amino]-, 2-(trimethylsilyl)ethyl ester (9CI) (CA INDEX

NAME)
 FS 3D CONCORD
 MF C35 H40 N O7 P Si
 SR CA
 LC STN Files: CA, CAPLUS

PAGE 1-A



PAGE 1-B

—CH₂—Ph

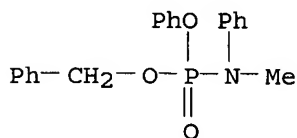
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 128:321692 CA
 TI A general method for the synthesis of O-alkyl N,O'-arylphosphoramidates and its application to the synthesis of a transition state analog for carbamate hydrolysis
 AU Taylor, Scott D.; Chen, Mei-Jin; Dinaut, A. Nicole; Batey, Robert A.
 CS Department of Chemistry, University of Toronto, Mississauga, ON, L5L 1C6, Can.
 SO Tetrahedron (1998), 54(17), 4223-4242
 CODEN: TETRAB; ISSN: 0040-4020
 PB Elsevier Science Ltd.
 DT Journal
 LA English
 RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 42 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 206869-86-5 REGISTRY
 CN Phosphoramidic acid, methylphenyl-, phenyl phenylmethyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H20 N O3 P
 SR CA
 LC STN Files: CA, CAPLUS



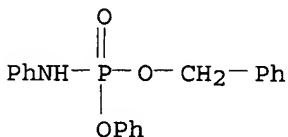
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 128:321692 CA
TI A general method for the synthesis of O-alkyl N,O'-arylphosphoramidates
and its application to the synthesis of a transition state analog for
carbamate hydrolysis
AU Taylor, Scott D.; Chen, Mei-Jin; Dinaut, A. Nicole; Batey, Robert A.
CS Department of Chemistry, University of Toronto, Mississauga, ON, L5L 1C6,
Can.
SO Tetrahedron (1998), 54(17), 4223-4242
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 43 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 206869-85-4 REGISTRY
CN Phosphoramidic acid, phenyl-, phenyl phenylmethyl ester (9CI) (CA INDEX
NAME)
FS 3D CONCORD
MF C19 H18 N O3 P
SR CA
LC STN Files: CA, CAPLUS



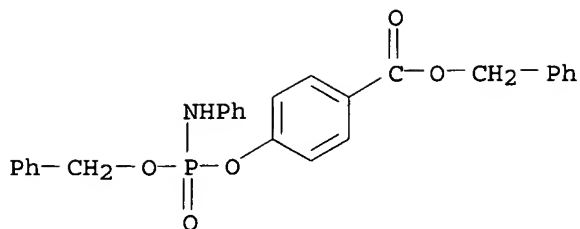
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 128:321692 CA
TI A general method for the synthesis of O-alkyl N,O'-arylphosphoramidates
and its application to the synthesis of a transition state analog for
carbamate hydrolysis
AU Taylor, Scott D.; Chen, Mei-Jin; Dinaut, A. Nicole; Batey, Robert A.
CS Department of Chemistry, University of Toronto, Mississauga, ON, L5L 1C6,
Can.
SO Tetrahedron (1998), 54(17), 4223-4242
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 44 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 206869-84-3 REGISTRY
CN Benzoic acid, 4-[[[(phenylamino) (phenylmethoxy)phosphinyl]oxy]-,
phenylmethyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C27 H24 N O5 P
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

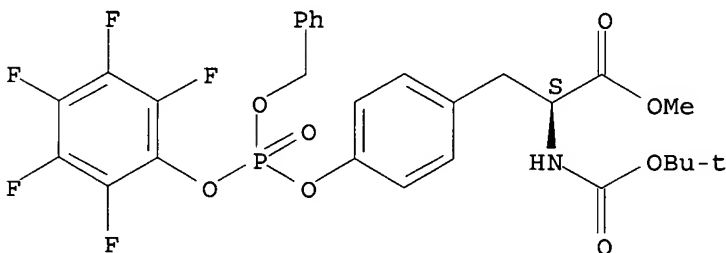
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 128:321692 CA
TI A general method for the synthesis of O-alkyl N,O'-arylphosphoramidates and its application to the synthesis of a transition state analog for carbamate hydrolysis
AU Taylor, Scott D.; Chen, Mei-Jin; Dinaut, A. Nicole; Batey, Robert A.
CS Department of Chemistry, University of Toronto, Mississauga, ON, L5L 1C6, Can.
SO Tetrahedron (1998), 54(17), 4223-4242
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 45 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 205500-73-8 REGISTRY
CN L-Tyrosine, N-[(1,1-dimethylethoxy)carbonyl]-, methyl ester, pentafluorophenyl phenylmethyl phosphate (ester) (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C28 H27 F5 N O8 P
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

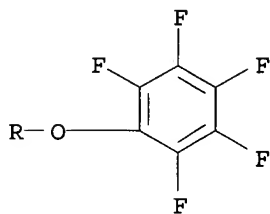
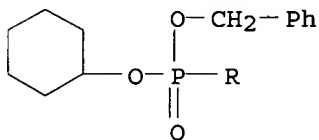
REFERENCE 1

AN 128:270869 CA
TI Phosphorylating reagents for solid-phase synthesis of phosphorylated peptides
IN Gani, David; Hillier, Mark; Hormozdiari, Pantea
PA University Court of the University of St. Andrews, UK; Gani, David;

Hillier, Mark; Hormozdiari, Pantea
SO PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9812201	A1	19980326	WO 1997-GB2592	19970923
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9743139	A1	19980414	AU 1997-43139	19970923
	EP 931085	A1	19990728	EP 1997-941117	19970923
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRAI	GB 1996-19768		19960923		
	WO 1997-GB2592		19970923		
RE.CNT	7	THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L2 ANSWER 46 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 205500-72-7 REGISTRY
CN Phosphoric acid, cyclohexyl pentafluorophenyl phenylmethyl ester (9CI)
(CA INDEX NAME)
FS 3D CONCORD
MF C19 H18 F5 O4 P
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

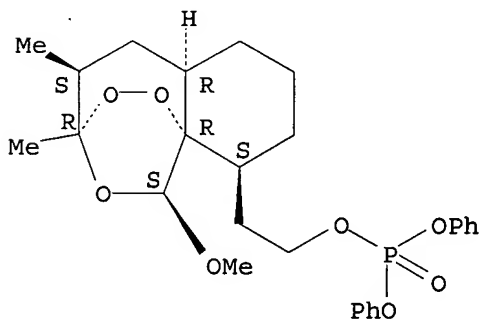
AN 128:270869 CA
TI Phosphorylating reagents for solid-phase synthesis of phosphorylated peptides
IN Gani, David; Hillier, Mark; Hormozdiari, Pantea
PA University Court of the University of St. Andrews, UK; Gani, David; Hillier, Mark; Hormozdiari, Pantea
SO PCT Int. Appl., 32 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9812201	A1	19980326	WO 1997-GB2592	19970923
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9743139	A1	19980414	AU 1997-43139	19970923
	EP 931085	A1	19990728	EP 1997-941117	19970923
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
PRAI	GB 1996-19768		19960923		
	WO 1997-GB2592		19970923		
RE.CNT	7	THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L2 ANSWER 47 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 204507-09-5 REGISTRY
CN Phosphoric acid, 2-(octahydro-10-methoxy-3,4-dimethyl-3,9a-(epoxymethano)-9aH-1,2-benzodioxepin-9-yl)ethyl diphenyl ester,
(3.alpha.,4.beta.,5a.beta.,9a.alpha.,10S*)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C27 H35 O8 P
SR CA
LC STN Files: CA, CAPLUS

Relative stereochemistry.



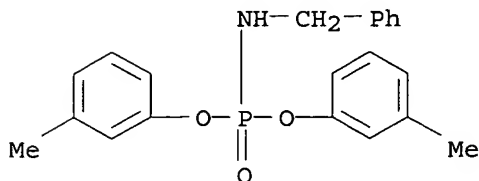
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

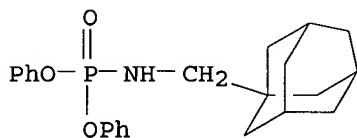
AN 128:225672 CA
TI Design, Synthesis, Derivatization, and Structure-Activity Relationships of Simplified, Tricyclic, 1,2,4-Trioxane Alcohol Analogs of the Antimalarial Artemisinin
AU Cumming, Jared N.; Wang, Dasong; Park, Sheldon B.; Shapiro, Theresa A.; Posner, Gary H.
CS Department of Chemistry School of Arts and Sciences, Johns Hopkins University, Baltimore, MD, 21218, USA
SO Journal of Medicinal Chemistry (1998), 41(6), 952-964
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English

L2 ANSWER 48 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 202056-46-0 REGISTRY
 CN Phosphoramidic acid, (phenylmethyl)-, bis(3-methylphenyl) ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C21 H22 N O3 P
 SR CAS Registry Services
 LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 ANSWER 49 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 201996-90-9 REGISTRY
 CN Phosphoramidic acid, (tricyclo[3.3.1.1^{3,7}]dec-1-ylmethyl)-, diphenyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C23 H28 N O3 P
 SR CAS Registry Services
 LC STN Files: CA, CAPLUS, CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

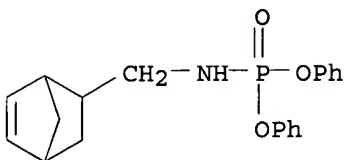
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 129:40769 CA
 TI Amines and sulfonamides containing an adamantane fragment. Theoretical and experimental study
 AU Kas'yan, A. O.; Okovityi, S. I.; Krasnovskaya, O. Yu.; Kas'yan, L. I.
 CS Dnepropetrovsk State University, Dnepropetrovsk, 320625, Ukraine
 SO Russian Journal of Organic Chemistry (Translation of Zhurnal Organicheskoi Khimii) (1997), 33(7), 985-990
 CODEN: RJOCEQ; ISSN: 1070-4280
 PB MAIK Nauka/Interperiodica Publishing
 DT Journal
 LA English
 RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

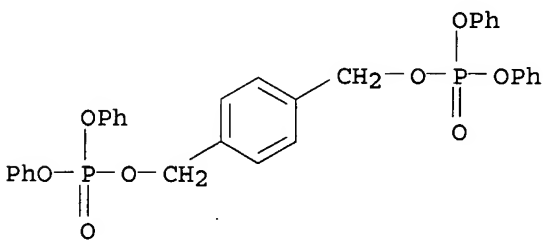
L2 ANSWER 50 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 201350-17-6 REGISTRY
 CN Phosphoramidic acid, (bicyclo[2.2.1]hept-5-en-2-ylmethyl)-, diphenyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H22 N O3 P

SR CAS Registry Services
LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 ANSWER 51 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 188716-26-9 REGISTRY
CN Phosphoric acid, 1,4-phenylenebis(methylene) tetraphenyl ester (9CI) (CA
INDEX NAME)
FS 3D CONCORD
MF C32 H28 O8 P2
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 135:344286 CA
TI Preparation of phosphoric acid triesters as flame retardants,
plasticizers, or stabilizers
IN Onchi, Yoko; Takahashi, Ikuo
PA Daicel Chemical Industries, Ltd., Japan
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081356	A1	20011101	WO 2001-JP3423	20010420
	W: CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	EP 1277758	A1	20030122	EP 2001-921971	20010420
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	TW 523520	B	20030311	TW 2001-90109890	20010425
	US 2003109736	A1	20030612	US 2001-18971	20011226
PRAI	JP 2000-125777	20000426			
	JP 2000-125778	20000426			

JP 2000-125779 20000426
JP 2000-247140 20000817
JP 2000-339664 20001107
WO 2001-JP3423 20010420

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

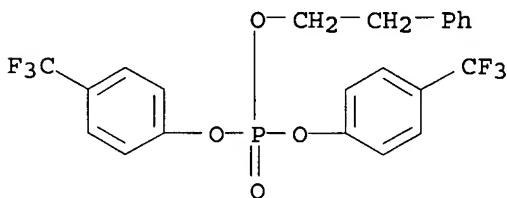
AN 126:251242 CA
TI Preparation of 1,4-cyclohexanedimethanol bis(diaryl phosphate)s as flame
retardants for polymers
IN Bright, Danielle A.
PA Akzo Nobel, Nv, Neth.
SO U.S., 2 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5616770	A	19970401	US 1996-608266	19960228
	WO 9731925	A1	19970904	WO 1997-EP996	19970227
	W: CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
PRAI	US 1996-608266		19960228		

L2 ANSWER 52 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 179030-35-4 REGISTRY
CN Phosphoric acid, 2-phenylethyl bis[4-(trifluoromethyl)phenyl] ester (9CI)
(CA INDEX NAME)

OTHER NAMES:

CN 2-Phenylethyl bis[p-(trifluoromethyl)phenyl] phosphate
FS 3D CONCORD
MF C22 H17 F6 O4 P
SR CA
LC STN Files: CA, CAPLUS



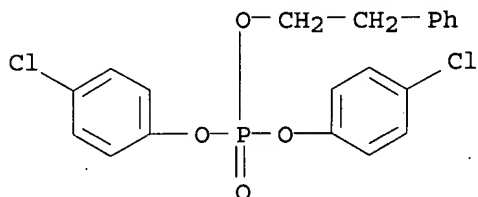
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 125:114760 CA
TI The .beta.-(Phosphatoxy)alkyl Radical Rearrangement. Rate Constants,
Arrhenius Parameters, and Structure Activity Relationships
AU Crich, David; Jiao, Xian-Yun
CS Department of Chemistry, University of Illinois, Chicago, IL, 60607-7061,
USA
SO Journal of the American Chemical Society (1996), 118(28), 6666-6670
CODEN: JACSAT; ISSN: 0002-7863
PB American Chemical Society
DT Journal
LA English
L2 ANSWER 53 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN

RN 179030-34-3 REGISTRY
 CN Phosphoric acid, bis(4-chlorophenyl) 2-phenylethyl ester (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN Bis(p-chlorophenyl) 2-phenylethyl phosphate
 FS 3D CONCORD
 MF C20 H17 Cl2 O4 P
 SR CA
 LC STN Files: CA, CAPLUS



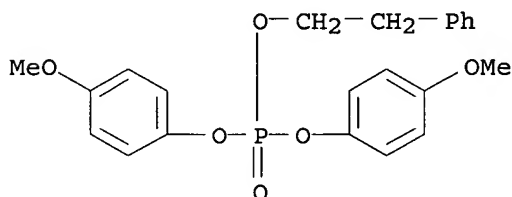
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 125:114760 CA
 TI The .beta.-(Phosphatoxy)alkyl Radical Rearrangement. Rate Constants, Arrhenius Parameters, and Structure Activity Relationships
 AU Crich, David; Jiao, Xian-Yun
 CS Department of Chemistry, University of Illinois, Chicago, IL, 60607-7061, USA
 SO Journal of the American Chemical Society (1996), 118(28), 6666-6670
 CODEN: JACSAT; ISSN: 0002-7863
 PB American Chemical Society
 DT Journal
 LA English

L2 ANSWER 54 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 179030-33-2 REGISTRY
 CN Phosphoric acid, bis(4-methoxyphenyl) 2-phenylethyl ester (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN Bis(p-methoxyphenyl) 2-phenylethyl phosphate
 FS 3D CONCORD
 MF C22 H23 O6 P
 SR CA
 LC STN Files: CA, CAPLUS



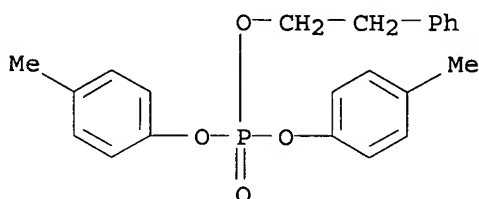
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 125:114760 CA
TI The .beta.-(Phosphatoxy)alkyl Radical Rearrangement. Rate Constants,
Arrhenius Parameters, and Structure Activity Relationships
AU Crich, David; Jiao, Xian-Yun
CS Department of Chemistry, University of Illinois, Chicago, IL, 60607-7061,
USA
SO Journal of the American Chemical Society (1996), 118(28), 6666-6670
CODEN: JACSAT; ISSN: 0002-7863
PB American Chemical Society
DT Journal
LA English

L2 ANSWER 55 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 179030-32-1 REGISTRY
CN Phosphoric acid, bis(4-methylphenyl) 2-phenylethyl ester (9CI) (CA INDEX
NAME)
OTHER NAMES:
CN Bis(p-methylphenyl) 2-phenylethyl phosphate
FS 3D CONCORD
MF C22 H23 O4 P
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

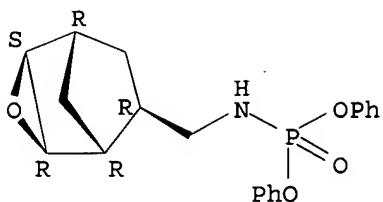
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 125:114760 CA
TI The .beta.-(Phosphatoxy)alkyl Radical Rearrangement. Rate Constants,
Arrhenius Parameters, and Structure Activity Relationships
AU Crich, David; Jiao, Xian-Yun
CS Department of Chemistry, University of Illinois, Chicago, IL, 60607-7061,
USA
SO Journal of the American Chemical Society (1996), 118(28), 6666-6670
CODEN: JACSAT; ISSN: 0002-7863
PB American Chemical Society
DT Journal
LA English

L2 ANSWER 56 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 175231-65-9 REGISTRY
CN Phosphoramidic acid, [(1R,2S,4R,5R,6R)-3-oxatricyclo[3.2.1.0^{2,4}]oct-6-
ylmethyl]-, diphenyl ester, rel- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Phosphoramidic acid, (3-oxatricyclo[3.2.1.0^{2,4}]oct-6-ylmethyl)-, diphenyl
ester, (1.alpha.,2.beta.,4.beta.,5.alpha.,6.alpha.)-
FS STEREOSEARCH
MF C20 H22 N O4 P
SR CA
LC STN Files: CA, CAPLUS

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

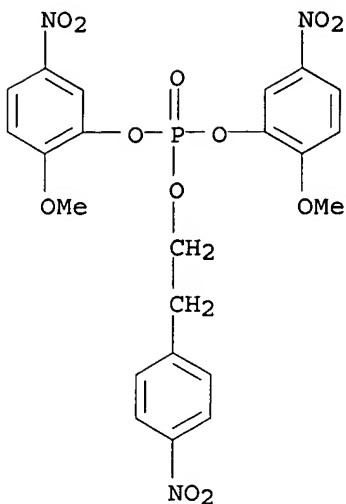
REFERENCE 1

AN 132:3397 CA
TI Stereochemical aspect of epoxidation of phosphonic amides from norbornane series
AU Kas'yan, A. O.; Tarabara, I. N.; Kas'yan, L. I.
CS Ukraine State Chemical Technology University, Dnepropetrovsk, Russia
SO Russian Journal of Organic Chemistry (Translation of Zhurnal Organicheskoi Khimii) (1999), 35(4), 626-627
CODEN: RJOCEQ; ISSN: 1070-4280
PB MAIK Nauka/Interperiodica Publishing
DT Journal
LA English
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

AN 124:260718 CA
TI Epoxide derivatives of N-(arylsulfonyl)bicyclo[2.2.1]hept-2-ene-exo-5-methylamines
AU Kas'yan, L. I.; Kas'yan, A. O.; Gorb, L. G.; Klebanov, B. M.
CS Dnepropetr. Gos. Univ., Ukraine
SO Zhurnal Organicheskoi Khimii (1995), 31(5), 678-88
CODEN: ZORKAE; ISSN: 0514-7492
PB Nauka
DT Journal
LA Russian

L2 ANSWER 57 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 161772-18-5 REGISTRY
CN Phosphoric acid, bis(2-methoxy-5-nitrophenyl) 2-(4-nitrophenyl)ethyl ester (9CI) (CA INDEX NAME)
MF C22 H20 N3 O12 P
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

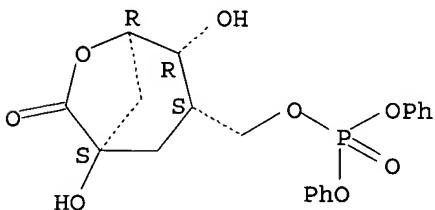
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 123:56035 CA
TI Phosphomonoesters and phosphodiester derived from the photohydrolysis of
2-methoxy-5-nitrophenyl substituted phosphotriesters
AU Graciani, Nilsa R.; Swanson, Daniel S.; Kelley, Jeffery W.
CS Dep. Chem., Texas A and M Univ., College Station, TX, 77843-3255, USA
SQ Tetrahedron (1995), 51(4), 1077-86
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier
DT Journal
LA English

L2 ANSWER 58 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 160911-92-2 REGISTRY
CN Phosphoric acid, (1,4-dihydroxy-7-oxo-6-oxabicyclo[3.2.1]oct-3-yl)methyl
diphenyl ester, [1S-(endo,endo)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C20 H21 O8 P
SR CA
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

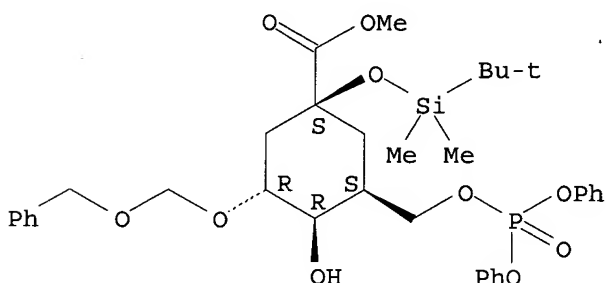
REFERENCE 1

AN 122:127367 CA

TI Inversion of an Asymmetric Center in Carbocyclic Inhibitors of
 3-Dehydroquinate Synthase: Examining and Exploiting the Mechanism for
 syn-Elimination during Substrate Turnover
 AU Montchamp, Jean-Luc; Peng, Jirong; Frost, J. W.
 CS Department of Chemistry, Michigan State University, East Lansing, MI,
 48824, USA
 SO Journal of Organic Chemistry (1994), 59(23), 6999-7007
 CODEN: JOCEAH; ISSN: 0022-3263
 DT Journal
 LA English

L2 ANSWER 59 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 160911-91-1 REGISTRY
 CN Cyclohexanecarboxylic acid, 1-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]-3-
 [[(diphenoxyphosphinyl)oxy]methyl]-4-hydroxy-5-[(phenylmethoxy)methoxy]-,
 methyl ester, [1S-(1.alpha.,3.alpha.,4.alpha.,5.beta.)]- (9CI) (CA INDEX
 NAME)
 FS STEREOSEARCH
 MF C35 H47 O10 P Si
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

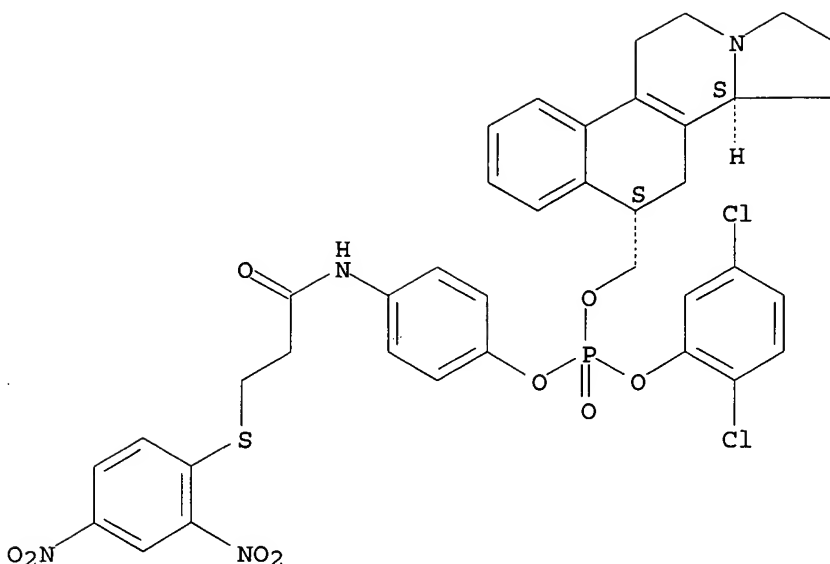
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 122:127367 CA
 TI Inversion of an Asymmetric Center in Carbocyclic Inhibitors of
 3-Dehydroquinate Synthase: Examining and Exploiting the Mechanism for
 syn-Elimination during Substrate Turnover
 AU Montchamp, Jean-Luc; Peng, Jirong; Frost, J. W.
 CS Department of Chemistry, Michigan State University, East Lansing, MI,
 48824, USA
 SO Journal of Organic Chemistry (1994), 59(23), 6999-7007
 CODEN: JOCEAH; ISSN: 0022-3263
 DT Journal
 LA English

L2 ANSWER 60 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 160706-08-1 REGISTRY
 CN Phosphoric acid, 2,5-dichlorophenyl 4-[[[3-[(2,4-dinitrophenyl)thio]-1-
 oxopropyl]amino]phenyl (5,6,8,9,10,10a,11,12-octahydrobenzo[f]pyrrolo[2,1-
 a]isoquinolin-12-yl)methyl ester, (10a.alpha.,12.alpha.)- (9CI) (CA INDEX
 NAME)
 FS STEREOSEARCH
 MF C38 H35 Cl2 N4 O9 P S
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

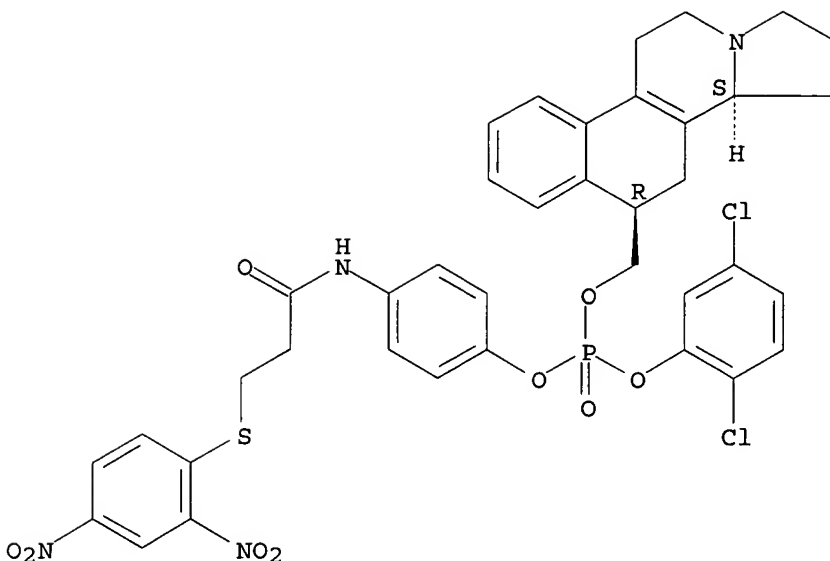
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 122:106235 CA
TI Design and synthesis of transition-state analogs for a cationic cyclization
AU Bell, Ian M.; Abell, Chris; Leeper, Finian J.
CS Univ. Chem. Lab., Cambridge, CB2 1EW, UK
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1994), (14), 1997-2006
CODEN: JCPRB4; ISSN: 0300-922X
DT Journal
LA English

L2 ANSWER 61 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 160580-87-0 REGISTRY
CN Phosphoric acid, 2,5-dichlorophenyl 4-[[3-[(2,4-dinitrophenyl)thio]-1-oxopropyl]aminophenyl (5,6,8,9,10,10a,11,12-octahydrobenzo[f]pyrrolo[2,1-a]isoquinolin-12-yl)methyl ester, (10a.alpha.,12.beta.)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H35 Cl2 N4 O9 P S
SR CA
LC STN Files: CA, CAPLUS

Relative stereochemistry.



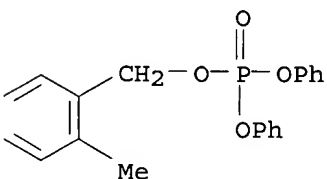
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 122:106235 CA
TI Design and synthesis of transition-state analogs for a cationic cyclization
AU Bell, Ian M.; Abell, Chris; Leeper, Finian J.
CS Univ. Chem. Lab., Cambridge, CB2 1EW, UK
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1994), (14), 1997-2006
CODEN: JCPRB4; ISSN: 0300-922X
DT Journal
LA English

L2 ANSWER 62 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 160369-99-3 REGISTRY
CN Phosphoric acid, (2-methylphenyl)methyl diphenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H19 O4 P
SR CAS Registry Services

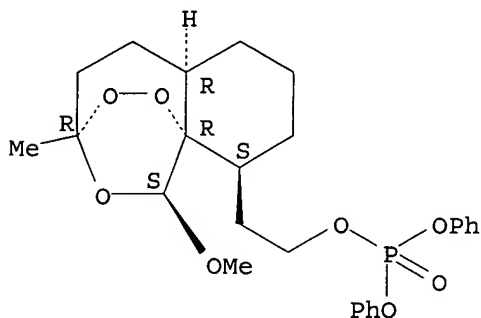


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 ANSWER 63 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 157660-26-9 REGISTRY
CN Phosphoric acid, 2-(octahydro-10-methoxy-3-methyl-3,9a-(epoxymethano)-9aH-1,2-benzodioxepin-9-yl)ethyl diphenyl ester, [3R-(3.alpha.,5a.beta.,9.alpha.,9a.alpha.,10S*)]- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:

CN 3,9a-(Epoxymethano)-9aH-1,2-benzodioxepin, phosphoric acid deriv.
 FS STEREOSEARCH
 MF C26 H33 O8 P
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

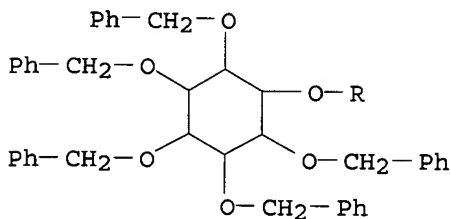
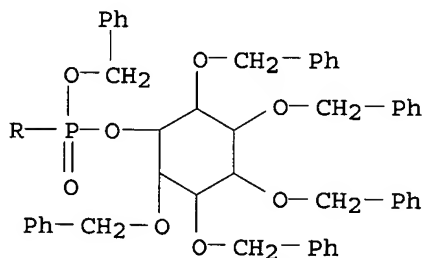


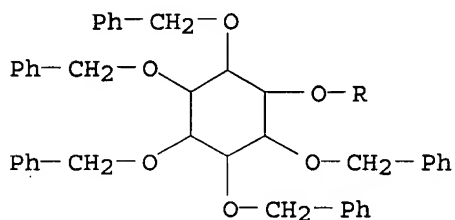
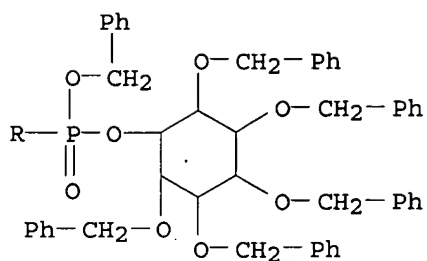
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 121:195015 CA
 TI New, antimalarial, tricyclic 1,2,4-trioxanes: Evaluations in mice and monkeys
 AU Posner, Gary H.; Oh, Chang H.; Webster, H. Kyle; Ager, Arba L. Jr.; Rossan, Richard N.
 CS Dep. Chem., Johns Hopkins Univ., Baltimore, MD, USA
 SO American Journal of Tropical Medicine and Hygiene (1994), 50(4), 522-6
 CODEN: AJTHAB; ISSN: 0002-9637
 DT Journal
 LA English
 L2 ANSWER 64 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 157659-85-3 REGISTRY
 CN D-myo-Inositol, 2,3,4,5,6-pentakis-O-(phenylmethyl)-, 1,1'-(phenylmethyl phosphate) (9CI) (CA INDEX NAME)
 MF C89 H89 O14 P
 SR CA
 LC STN Files: CA, CAPLUS





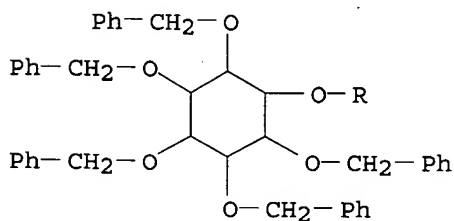
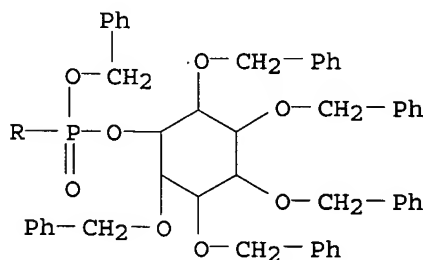
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

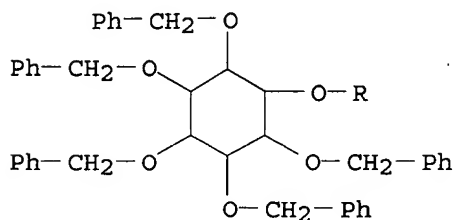
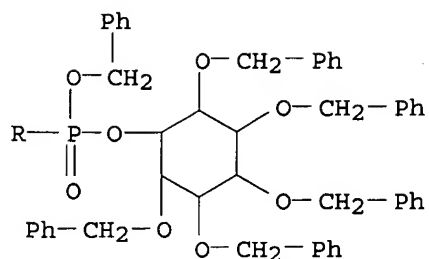
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 121:180042 CA
TI Synthesis of LL-di-myo-inositol-1,1'-phosphate: a novel inositol phosphate
from *Pyrococcus woesei*
AU van Leeuwen, S. H.; van der Marel, G. A.; Hensel, R.; van Boom, J. H.
CS Gorlaeus Lab., Leiden Inst. Chem., Leiden, 2300 RA, Neth.
SO Recueil des Travaux Chimiques des Pays-Bas (1994), 113(6), 335-6
CODEN: RTCPA3; ISSN: 0165-0513
DT Journal
LA English

L2 ANSWER 65 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 157659-84-2 REGISTRY
CN myo-Inositol, 1,2,4,5,6-pentakis-O-(phenylmethyl)-, 3,3'-(phenylmethyl
phosphate) (9CI) (CA INDEX NAME)
MF C89 H89 O14 P
SR CA
LC STN Files: CA, CAPLUS





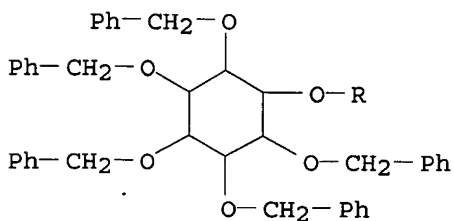
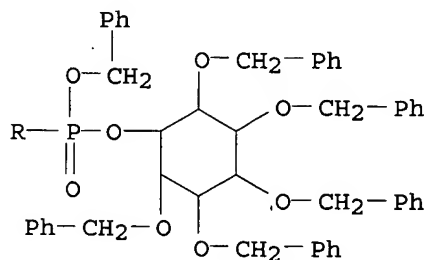
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

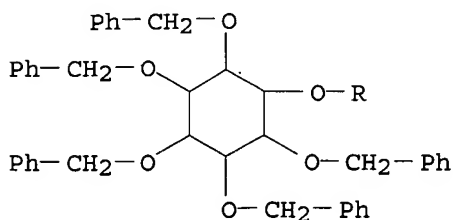
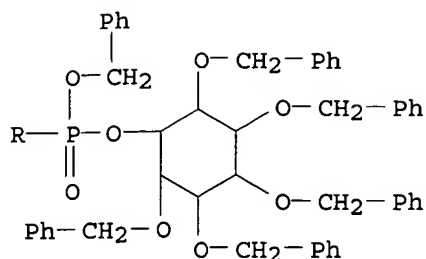
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 121:180042 CA
TI Synthesis of LL-di-myo-inositol-1,1'-phosphate: a novel inositol phosphate
from *Pyrococcus woesei*
AU van Leeuwen, S. H.; van der Marel, G. A.; Hensel, R.; van Boom, J. H.
CS Gorlaeus Lab., Leiden Inst. Chem., Leiden, 2300 RA, Neth.
SO Recueil des Travaux Chimiques des Pays-Bas (1994), 113(6), 335-6
CODEN: RTCPA3; ISSN: 0165-0513
DT Journal
LA English

L2 ANSWER 66 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 157598-32-8 REGISTRY
CN D-myo-Inositol, 1,2,4,5,6-pentakis-O-(phenylmethyl)-, 3,3'-(phenylmethyl
phosphate) (9CI) (CA INDEX NAME)
MF C89 H89 O14 P
SR CA
LC STN Files: CA, CAPLUS





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

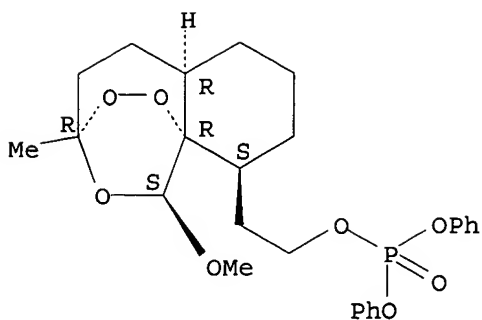
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 121:180042 CA
TI Synthesis of LL-di-myo-inositol-1,1'-phosphate: a novel inositol phosphate
from *Pyrococcus woesei*
AU van Leeuwen, S. H.; van der Marel, G. A.; Hensel, R.; van Boom, J. H.
CS Gorlaeus Lab., Leiden Inst. Chem., Leiden, 2300 RA, Neth.
SO Recueil des Travaux Chimiques des Pays-Bas (1994), 113(6), 335-6
CODEN: RTCPA3; ISSN: 0165-0513
DT Journal
LA English

L2 ANSWER 67 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 151120-95-5 REGISTRY
CN Phosphoric acid, 2-[(3R,5aR,9S,9aR,10S)-octahydro-10-methoxy-3-methyl-3,9a-
(epoxymethano)-9aH-1,2-benzodioxepin-9-yl]ethyl diphenyl ester, rel- (9CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 3,9a-(Epoxymethano)-9aH-1,2-benzodioxepin, phosphoric acid deriv.
CN Phosphoric acid, 2-(octahydro-10-methoxy-3-methyl-3,9a-(epoxymethano)-9aH-
1,2-benzodioxepin-9-yl)ethyl diphenyl ester, (3.alpha.,5a.beta.,9.alpha.,9
a.alpha.,10S*)-
FS STEREOSEARCH
DR 141556-82-3
MF C26 H33 O8 P
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 136:160854 CA
TI Structure-Activity Relationships of the Antimalarial Agent Artemisinin. 6.
The Development of Predictive In Vitro Potency Models Using ComFA and
HQSAR Methodologies
AU Avery, Mitchell A.; Alvim-Gaston, Maria; Rodrigues, Carlos R.; Barreiro,
Eliezer J.; Cohen, Fred E.; Sabnis, Yogesh A.; Woolfrey, John R.
CS Department of Medicinal Chemistry School of Pharmacy Thad Cochran National
Center for Natural Products Research, University of Mississippi,
Mississippi, MS, 38677, USA
SO Journal of Medicinal Chemistry (2002), 45(2), 292-303
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
RE.CNT 79 THERE ARE 79 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

AN 128:225672 CA
TI Design, Synthesis, Derivatization, and Structure-Activity Relationships of
Simplified, Tricyclic, 1,2,4-Trioxane Alcohol Analogs of the Antimalarial
Artemisinin
AU Cumming, Jared N.; Wang, Dasong; Park, Sheldon B.; Shapiro, Theresa A.;
Posner, Gary H.
CS Department of Chemistry School of Arts and Sciences, Johns Hopkins
University, Baltimore, MD, 21218, USA
SO Journal of Medicinal Chemistry (1998), 41(6), 952-964
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English

REFERENCE 3

AN 119:271438 CA
TI Preparation of 1,2,4-trioxane compounds having antimalarial activity
IN Posner, Gary; Oh, Chang H.
PA Johns Hopkins University, USA
SO U.S., 19 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5225437	A	19930706	US 1992-823960	19920123
	WO 9314756	A1	19930805	WO 1993-US9	19930107

W: CA, JP

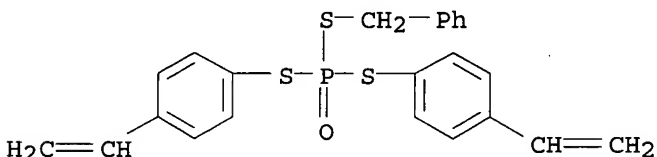
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

PRAI US 1992-823960 19920123

REFERENCE 4

AN 117:26822 CA
TI Extraordinarily potent antimalarial compounds: new, structurally simple, easily synthesized, tricyclic 1,2,4-trioxanes.
AU Posner, Gary H.; Oh, Chang Ho; Gerena, Lucia; Milhous, Wilbur K.
CS Dep. Chem., Johns Hopkins Univ., Baltimore, MD, 21218, USA
SO Journal of Medicinal Chemistry (1992), 35(13), 2459-67
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English

L2 ANSWER 68 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 148866-76-6 REGISTRY
CN Phosphorotrithioic acid, S,S-bis(4-ethenylphenyl) S-(phenylmethyl) ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H21 O P S3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

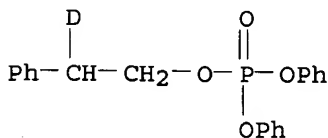
AN 119:203628 CA
TI Preparation of phosphate esters as monomers for optical materials
IN Kazama, Hideki; Matsuoka, Shingo
PA Tokuyama Soda Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 39 pp.
CODEN: JKXXAF

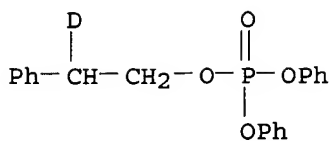
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04330083	A2	19921118	JP 1991-99244	19910430
PRAI	JP 1991-99244		19910430		

L2 ANSWER 69 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 146733-40-6 REGISTRY
CN Phosphoric acid, diphenyl 2-phenylethyl-2-d ester (9CI) (CA INDEX NAME)
MF C20 H18 D O4 P
SR CA
LC STN Files: CA, CAPLUS



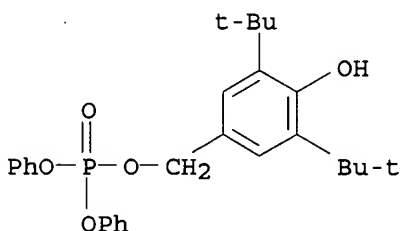


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 118:169204 CA
TI The .beta.-(phosphonooxy)alkyl radical rearrangement
AU Crich, David; Yao, Qingwei
CS Dep. Chem., Univ. Illinois, Chicago, IL, 60607-7061, USA
SO Journal of the American Chemical Society (1993), 115(3), 1165-6
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA English

L2 ANSWER 70 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 143584-16-1 REGISTRY
CN Phosphoric acid, [3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl
diphenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C27 H33 O5 P
SR CA
LC STN Files: CA, CAPLUS



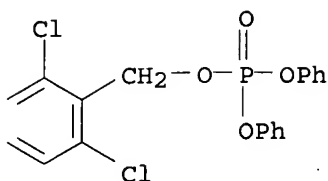
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 117:151079 CA
TI Organophosphorus antioxidants. XII. Synthesis and NMR spectroscopy of
organophosphorus antioxidants and related compounds
AU Koenig, T.; Habicher, W. D.; Haehner, H.; Pionteck, J.; Rueger, C.;
Schwetlick, K.
CS Inst. Org. Chem. Farbenchem., Tech. Univ., Dresden, Germany
SO Journal fuer Praktische Chemie/Chemiker-Zeitung (1992), 334(4), 333-49
CODEN: JPCCEM; ISSN: 0941-1216
DT Journal
LA German

L2 ANSWER 71 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 142209-23-2 REGISTRY
CN Phosphoric acid, (2,6-dichlorophenyl)methyl diphenyl ester (9CI) (CA
INDEX NAME)
OTHER NAMES:
CN 2,6-Dichlorobenzyl diphenyl phosphate
FS 3D CONCORD
MF C19 H15 Cl2 O4 P
SR CA



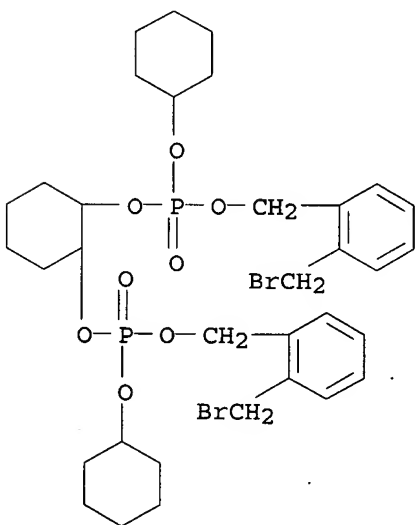
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 117:37302 CA
TI Bond length and reactivity: structure of the diphenyl phosphate ester of 2,6-dichlorobenzyl alcohol
AU Jones, Peter G.; Kirby, Anthony J.; Parker, Jane K.
CS Inst. Anorg. Anal. Chem., Tech. Univ., Braunschweig, 3300, Germany
SO Acta Crystallographica, Section C: Crystal Structure Communications (1992), C48(5), 824-6
CODEN: ACSCEE; ISSN: 0108-2701
DT Journal
LA English

L2 ANSWER 72 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 141033-54-7 REGISTRY
CN Phosphoric acid, P,P'-1,2-cyclohexanediyl P,P'-bis[[2-(bromomethyl)phenyl]methyl] P,P'-dicyclohexyl ester (9CI) (CA INDEX NAME)
MF C34 H48 Br2 O8 P2
SR CA
LC STN Files: CA, CAPLUS



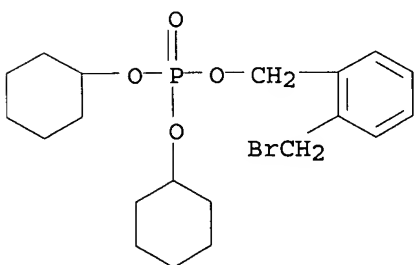
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 116:235729 CA
 TI Utilization of o-xylylene N,N-diethylphosphoramidite for the synthesis of phosphoric diesters
 AU Watanabe, Yutaka; Komoda, Yasunobu; Ozaki, Shoichiro
 CS Fac. Eng., Ehime Univ., Matsuyama, 790, Japan
 SO Tetrahedron Letters (1992), 33(10), 1313-16
 CODEN: TELEAY; ISSN: 0040-4039
 DT Journal
 LA English

L2 ANSWER 73 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 141033-50-3 REGISTRY
 CN Phosphoric acid, [2-(bromomethyl)phenyl]methyl dicyclohexyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H30 Br O4 P
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)



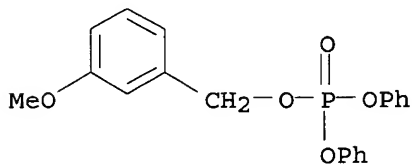
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 116:235729 CA
 TI Utilization of o-xylylene N,N-diethylphosphoramidite for the synthesis of phosphoric diesters
 AU Watanabe, Yutaka; Komoda, Yasunobu; Ozaki, Shoichiro
 CS Fac. Eng., Ehime Univ., Matsuyama, 790, Japan
 SO Tetrahedron Letters (1992), 33(10), 1313-16
 CODEN: TELEAY; ISSN: 0040-4039
 DT Journal
 LA English

L2 ANSWER 74 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 138250-70-1 REGISTRY
 CN Phosphoric acid, (3-methoxyphenyl)methyl diphenyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H19 O5 P
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

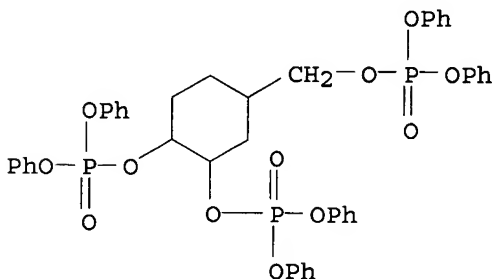
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 116:41095 CA
TI Protection and deprotection of carboxylic acids, phosphoric acids, and sulfonic acids
IN Tsukada, Yoshihisa; Ono, Mitsunori
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03170440	A2	19910724	JP 1989-311556	19891130
PRAI	JP 1989-311556		19891130		

L2 ANSWER 75 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 127233-14-1 REGISTRY
CN Phosphoric acid, 4-[[[(diphenoxyphosphinyl)oxy]methyl]-1,2-cyclohexanediyl tetraphenyl ester, (1.alpha.,2.beta.,4.beta.)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Phosphoric acid, 4-[[[(diphenoxyphosphinyl)oxy]methyl]-1,2-cyclohexanediyl tetraphenyl ester, (1.alpha.,2.beta.,4.beta.)-(.-.-)-
MF C43 H41 O12 P3
SR CA
LC STN Files: CA, CAPLUS, CASREACT



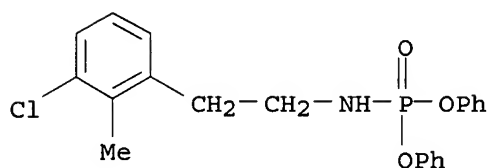
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 113:6471 CA
TI Synthesis of affinity ligands and radioactive probes for isolation and study of myo-Inositol 1,4,5-trisphosphate binding proteins
AU Jina, Arvind N.; Ralph, John; Ballou, Clinton E.
CS Dep. Biochem., Univ. California, Berkeley, CA, 94720, USA
SO Biochemistry (1990), 29(21), 5203-9
CODEN: BICHAW; ISSN: 0006-2960
DT Journal
LA English
L2 ANSWER 76 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 126885-71-0 REGISTRY
CN Phosphoramidic acid, [2-(3-chloro-2-methylphenyl)ethyl]-, diphenyl ester (9CI) (CA INDEX NAME)

FS 3D CONCORD
 MF C21 H21 Cl N O3 P
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 112:197814 CA
 TI Preparation of 3-chloro-2-methylphenethylamines and analogs as herbicides
 IN Hagen, Helmut; Pfister, Juergen; Wuerzer, Bruno; Meyer, Norbert
 PA BASF A.-G., Fed. Rep. Ger.
 SO Eur. Pat. Appl., 30 pp.
 CODEN: EPXXDW

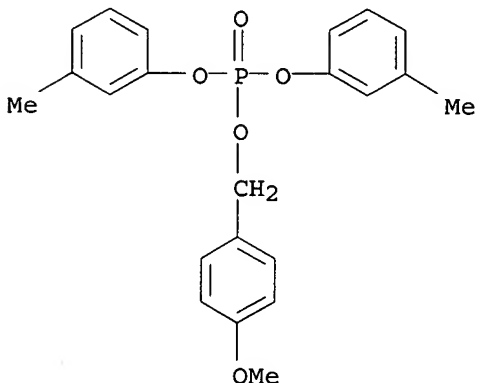
DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 340709	A1	19891108	EP 1989-107885	19890429
	R: DE, FR, GB, IT				
	DE 3815046	A1	19891116	DE 1988-3815046	19880504
PRAI	DE 1988-3815046		19880504		

L2 ANSWER 77 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 124695-92-7 REGISTRY
 CN Phosphoric acid, (4-methoxyphenyl)methyl bis(3-methylphenyl) ester (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C22 H23 O5 P
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

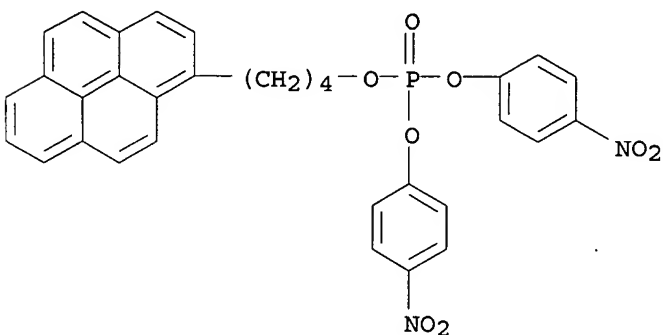
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 112:78938 CA
 TI Manufacture of electrically conductive polyacetylene films
 IN Tanimoto, Fumio; Oomori, Fumihiro; Kitano, Hisao
 PA Institute for Production and Development Science, Japan
 SO Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 01136724	A2	19890530	JP 1987-296843	19871125
PRAI	JP 1987-296843		19871125		

L2 ANSWER 78 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 116953-97-0 REGISTRY
 CN Phosphoric acid, bis(4-nitrophenyl) 4-(1-pyrenyl)butyl ester (9CI) (CA
 INDEX NAME)
 FS 3D CONCORD
 MF C32 H25 N2 O8 P
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

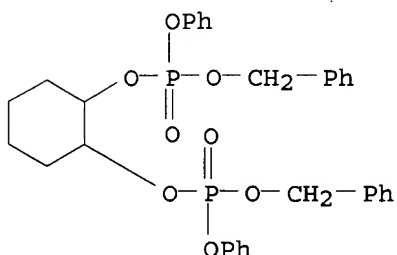
AN 112:113921 CA
 TI Aged and non-aged pyrenebutyl-containing organophosphoryl conjugates of
 chymotrypsin. Preparation and comparison by phosphorus-31 NMR
 spectroscopy
 AU Grunwald, Jacob; Segall, Yoffi; Shirin, Ezra; Waysbort, Daniel; Steinberg,
 Nitza; Silman, Israel; Ashani, Yacov
 CS Israel Inst. Biol. Res., Ness-Ziona, Israel
 SO Biochemical Pharmacology (1989), 38(19), 3157-68
 CODEN: BCPA6; ISSN: 0006-2952
 DT Journal
 LA English

REFERENCE 2

AN 110:71779 CA
 TI Conformational differences between aged and nonaged pyrenebutyl-containing
 organophosphoryl conjugates of chymotrypsin as detected by optical
 spectroscopy
 AU Steinberg, N.; Van der Drift, A. C. M.; Grunwald, J.; Segall, Y.; Shirin,

E.; Haas, E.; Ashani, Y.; Silman, I.
 CS Dep. Neurobiol., Weizmann Inst. Sci., Rehovot, Israel
 SO Biochemistry (1989), 28(3), 1248-53
 CODEN: BICHAW; ISSN: 0006-2960
 DT Journal
 LA English

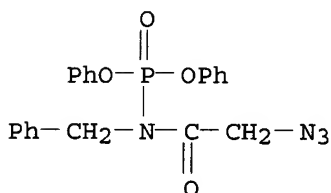
L2 ANSWER 79 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 107849-79-6 REGISTRY
 CN Benzyl 1,2-cyclohexylene phenyl phosphate (7CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C32 H34 O8 P2
 SR CAOLD
 LC STN Files: CAOLD



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 80 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 106585-38-0 REGISTRY
 CN Phosphoramidic acid, (azidoacetyl)(phenylmethyl)-, diphenyl ester (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C21 H19 N4 O4 P
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT



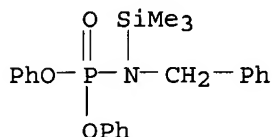
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 106:67388 CA
 TI Synthesis and reactions of N-acylphosphoramides related to
 4-oxo-1,3-diaza-2-phospholanes
 AU Mulliez, Michel
 CS Lab. Chim. Org. Biol., Univ. Paris-Sud, Orsay, 91405, Fr.
 SO Bulletin de la Societe Chimique de France (1985), (6), 1211-18
 CODEN: BSCFAS; ISSN: 0037-8968
 DT Journal
 LA French

L2 ANSWER 81 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 106585-33-5 REGISTRY
 CN Phosphoramidic acid, (phenylmethyl)(trimethylsilyl)-, diphenyl ester (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C22 H26 N O3 P Si
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
 (*File contains numerically searchable property data)



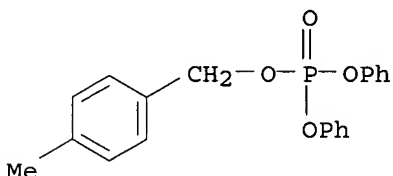
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 106:67388 CA
 TI Synthesis and reactions of N-acylphosphoramides related to
 4-oxo-1,3-diaza-2-phospholanes
 AU Mulliez, Michel
 CS Lab. Chim. Org. Biol., Univ. Paris-Sud, Orsay, 91405, Fr.
 SO Bulletin de la Societe Chimique de France (1985), (6), 1211-18
 CODEN: BSCFAS; ISSN: 0037-8968
 DT Journal
 LA French

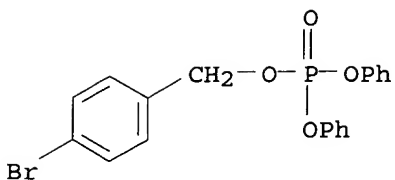
L2 ANSWER 82 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 102315-92-4 REGISTRY
 CN Phosphoric acid, p-methylbenzyl diphenyl ester (6CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H19 O4 P
 SR CAOLD
 LC STN Files: BEILSTEIN*, CAOLD
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

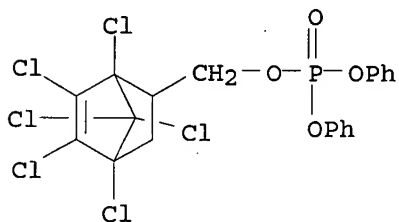
L2 ANSWER 83 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 101868-29-5 REGISTRY
 CN Phosphoric acid, p-bromobenzyl diphenyl ester (6CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C19 H16 Br O4 P
 SR CAOLD
 LC STN Files: BEILSTEIN*, CAOLD
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 84 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 101813-05-2 REGISTRY
 CN Phosphoric acid, [(1,4,5,6,7,7-hexachloro-5-norbornen-2-yl)methyl]
 diphenyl ester (7CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H15 Cl6 O4 P
 SR CAOLD
 LC STN Files: CA, CAOLD, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

AN 61:92468 CA
 TI Vinyl esters of alkylphosphinic acids
 PA Organization of the State Committee for the Chemical Industry under the
 State Planning Committee of the Council of Ministers of the U.S.S.R.,
 Kiev.
 SO From: Byul. Izobret. i Tovarnykh Znakov 1964(13), 24..
 DT Patent
 LA Unavailable

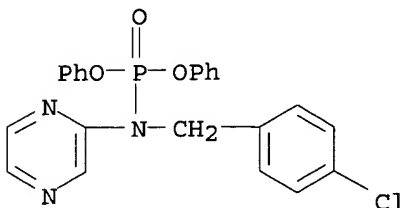
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
SU 163618		19640722	SU	19630506

REFERENCE 2

AN 61:92467 CA
 TI Compounds containing 1,4,5,6,7,7-hexachlorobicyclo[2.2.1]hepten-5-yl
 groups
 PA Chemische Werke Huels A.-G.
 SO 9 pp.
 DT Patent
 LA Unavailable

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 1369587		19640814	FR	
PRAI DE		19620717		

L2 ANSWER 85 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 95894-99-8 REGISTRY
 CN Phosphoramidic acid, [(4-chlorophenyl)methyl]pyrazinyl-, diphenyl ester
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C23 H19 Cl N3 O3 P
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

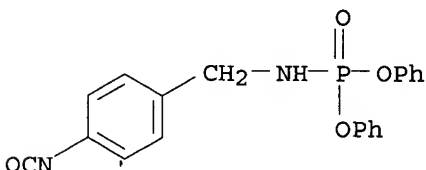
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

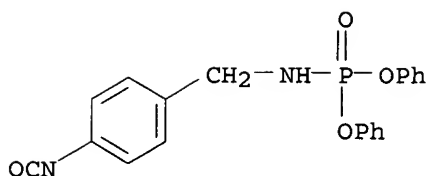
REFERENCE 1

AN 102:166947 CA
 TI Pyrazine compounds and their use in combating undesired plant growth
 IN Hopwood, William John
 PA Shell Internationale Research Maatschappij B. V., Neth.
 SO Eur. Pat. Appl., 21 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 124155	A1	19841107	EP 1984-200439	19840326
	EP 124155	B1	19870603		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	AT 27604	E	19870615	AT 1984-200439	19840326
	CA 1223260	A1	19870623	CA 1984-450475	19840326
	DK 8402089	A	19841030	DK 1984-2089	19840426
	AU 8427261	A1	19841101	AU 1984-27261	19840426
	AU 563168	B2	19870702		
	JP 59206397	A2	19841122	JP 1984-83071	19840426
	JP 04055199	B4	19920902		
	BR 8401966	A	19841204	BR 1984-1966	19840426
	ZA 8403086	A	19850227	ZA 1984-3086	19840426
PRAI	GB 1983-11775		19830429		
	EP 1984-200439		19840326		

L2 ANSWER 86 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 94624-00-7 REGISTRY
 CN Phosphoramidic acid, (p-isocyanatobenzyl)-, diphenyl ester (7CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H17 N2 O4 P
 LC STN Files: CA, CAOLD, CAPLUS





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

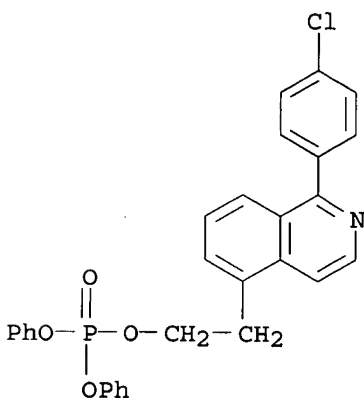
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

AN 57:56032 CA
 TI Isocyanatoaryl esters and amides of phosphoric and thiophosphoric acids
 PA Farbenfabriken Bayer A.-G.
 SO 4 pp.
 DT Patent
 LA Unavailable

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 891654		19620314	GB	
PRAI	DE		19580206		

L2 ANSWER 87 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 85672-49-7 REGISTRY
 CN Phosphoric acid, 2-[1-(4-chlorophenyl)-5-isoquinolinyl]ethyl diphenyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C29 H23 Cl N O4 P
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

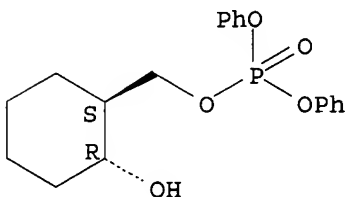
REFERENCE 1

AN 98:198052 CA
 TI 1-Phenylisoquinolines
 PA Teikoku Hormone Mfg. Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 18 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 57203068	A2	19821213	JP 1981-86832	19810608
	JP 01018899	B4	19890407		
PRAI	JP 1981-86832		19810608		

L2 ANSWER 88 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 83565-46-2 REGISTRY
 CN Phosphoric acid, (2-hydroxycyclohexyl)methyl diphenyl ester, trans- (9CI)
 (CA INDEX NAME)
 FS STEREOSEARCH
 MF C19 H23 O5 P
 LC STN Files: CA, CAPLUS

Relative stereochemistry.



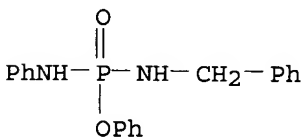
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 97:198467 CA
 TI Phosphorylated sugars. Part 23. Synthesis and reactions of
 phosphodiester containing 2-aminoethanol and a polyfunctional alcohol and
 their behavior during acid- and base-catalyzed hydrolysis
 AU Trigalo, Francois; Szabo, Ladislav
 CS Cent. Etud. Pharm., Univ. Paris-Sud, Chatenay-Malabry, 92290, Fr.
 SO Journal of the Chemical Society, Perkin Transactions 1: Organic and
 Bio-Organic Chemistry (1972-1999) (1982), (8), 1733-43
 CODEN: JCPRB4; ISSN: 0300-922X
 DT Journal
 LA English

L2 ANSWER 89 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 82159-44-2 REGISTRY
 CN Phosphorodiamidic acid, N-phenyl-N'-(phenylmethyl)-, phenyl ester (9CI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Phosphorodiamidic acid, N-benzyl-N'-phenyl-, phenyl ester (6CI)
 FS 3D CONCORD
 MF C19 H19 N2 O2 P
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

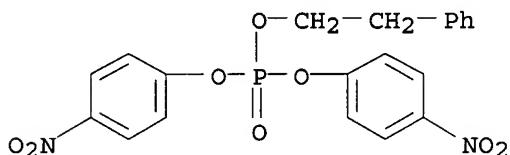
AN 97:23905 CA
 TI Reaction of phenyl N-phenylphosphoramidoazidate with carboxylic acids and amines
 AU Arrieta, Ana; Palomo, Claudio
 CS Lab. Quim. Org., Fac. Cienc. Quim., Alza, Spain
 SO Bulletin de la Societe Chimique de France (1982), (1-2, Pt. 2), 7-11
 CODEN: BSCFAS; ISSN: 0037-8968
 DT Journal
 LA English

REFERENCE 2

AN 55:111966 CA
 TI Organic nitrogen-containing phosphorus compounds
 IN Binder, Hans; Heinle, Rudolf
 PA Rottweiler Kunstseidefabrik Akt.-Ges.
 DT Patent
 LA Unavailable
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1084716		19600707	DE	
	US 3127445		1964	US	

L2 ANSWER 90 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 77055-60-8 REGISTRY
 CN Phosphoric acid, bis(4-nitrophenyl) 2-phenylethyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H17 N2 O8 P
 LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 108:37944 CA
 TI Structure-reactivity studies in phosphate triesters
 AU Armstrong, Moira M.; Cocks, Sarah; Modro, Tomasz A.
 CS Sch. Chem. Sci., Univ. Cape Town, Rondebosch, 7700, S. Afr.
 SO South African Journal of Chemistry (1987), 40(1), 20-4
 CODEN: SAJCDG; ISSN: 0379-4350
 DT Journal
 LA English

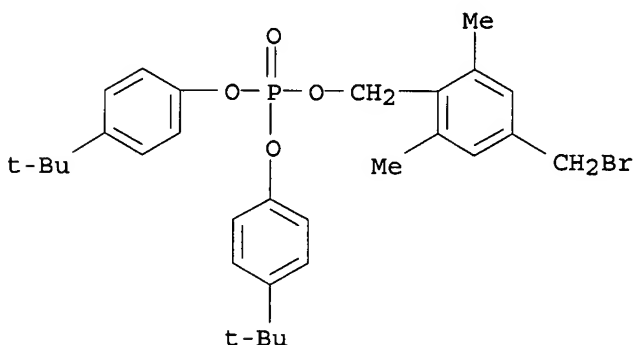
REFERENCE 2

AN 94:175104 CA
 TI Phosphoric acid diesters
 PA Nippon Chemiphar Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF

DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55130987	A2	19801011	JP 1979-37771	19790330
	JP 62060387	B4	19871216		
PRAI	JP 1979-37771		19790330		

L2 ANSWER 91 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 73752-07-5 REGISTRY
CN Phosphoric acid, [4-(bromomethyl)-2,6-dimethylphenyl]methyl
bis[4-(1,1-dimethylethyl)phenyl] ester, tetrabromo deriv. (9CI) (CA INDEX
NAME)
MF C30 H34 Br5 O4 P
CI IDS
LC STN Files: CA, CAPLUS



4 (D1-Br)

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

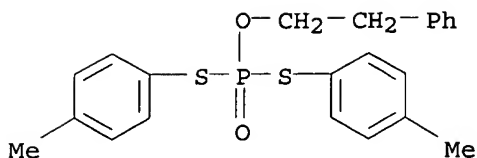
AN 93:8758 CA
TI Porous PVC homo- or copolymers
IN Scheinhardt, Joerg; Klodt, Rolf Dieter; Kiermeyer, Ellen; Hamann, Bernd;
Weissenborn, Klaus Dieter
PA VEB Chemische Werke Buna, Ger. Dem. Rep.
SO Ger. (East), 7 pp.
CODEN: GEXXA8

DT Patent
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DD 138666	Z	19791114	DD 1978-207989	19780921
PRAI	DD 1978-207989		19780921		

L2 ANSWER 92 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 70769-89-0 REGISTRY
CN Phosphorodithioic acid, S,S-bis(4-methylphenyl) O-(2-phenylethyl) ester
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C22 H23 O2 P S2
LC STN Files: CA, CAPLUS, CASREACT



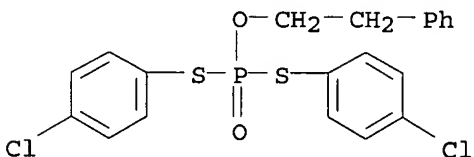
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 91:39083 CA
TI The reaction of O-alkyl S,S-diaryl phosphorodithioates with alkyloxystannanes
AU Watanabe, Yutaka; Mukaiyama, Teruaki
CS Fac. Sci., Univ. Tokyo, Tokyo, 113, Japan
SO Chemistry Letters (1979), (4), 389-90
CODEN: CMLTAG; ISSN: 0366-7022
DT Journal
LA English

L2 ANSWER 93 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 70769-88-9 REGISTRY
CN Phosphorodithioic acid, S,S-bis(4-chlorophenyl) O-(2-phenylethyl) ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H17 Cl2 O2 P S2
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

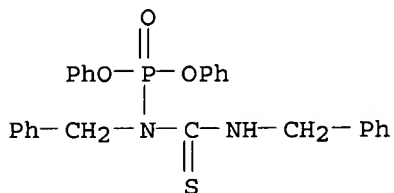
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 91:39083 CA
TI The reaction of O-alkyl S,S-diaryl phosphorodithioates with alkyloxystannanes
AU Watanabe, Yutaka; Mukaiyama, Teruaki
CS Fac. Sci., Univ. Tokyo, Tokyo, 113, Japan
SO Chemistry Letters (1979), (4), 389-90
CODEN: CMLTAG; ISSN: 0366-7022
DT Journal
LA English

L2 ANSWER 94 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 70206-07-4 REGISTRY
CN Phosphoramidic acid, (phenylmethyl)[[(phenylmethyl)amino]thioxomethyl]-, diphenyl ester (9CI) (CA INDEX NAME)
OTHER NAMES:
CN N,N'-Dibenzyl-N-(diphenylphosphoryl)thiourea
FS 3D CONCORD
MF C27 H25 N2 O3 P S

LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 105:153139 CA
TI The application of simple-harmonic-oscillator calculations (HOSE-model) to
crystallographically studied N-phosphoryl-N,N'-disubstituted thioureas
AU Karolak-Wojciechowska, Janina
CS Inst. Gen. Chem., Tech. Univ., Lodz, 90-362, Pol.
SO Phosphorus and Sulfur and the Related Elements (1985), 25(2), 229-35
CODEN: PREEDF; ISSN: 0308-664X
DT Journal
LA English

REFERENCE 2

AN 100:103460 CA
TI Reaction of carbodiimides with phosphorothioic, phosphorodithioic, and
phosphoroselenoic acids: products, intermediates, and steps
AU Mikolajczyk, Marian; Kielbasinski, Piotr; Basinski, Wlodzimierz
CS Cent. Mol. Macromol. Stud., Pol. Acad. Sci., Lodz, 90-362, Pol.
SO Journal of Organic Chemistry (1984), 49(5), 899-908
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English

REFERENCE 3

AN 96:104518 CA
TI N-Phosphorylated-N,N'-disubstituted thio- or selenoureas
IN Mikolajczyk, Marian; Kielbasinski, Piotr
PA Polska Akademia Nauk, Centrum badan Molekularnych i Makromolekularnych,
Pol.
SO Pol., 3 pp.
CODEN: POXXA7
DT Patent
LA Polish
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	PL 108330	B1	19800430	PL 1977-197643	19770426
PRAI	PL 1977-197643		19770426		

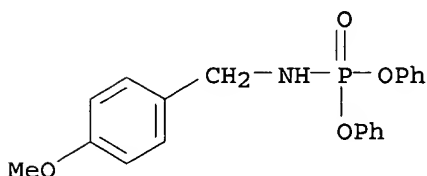
REFERENCE 4

AN 90:195954 CA
TI The crystal structure of N,N'-dibenzyl-N-diphenoxyphosphorylthiourea
AU Karolak-Wojciechowska, Janina; Wieczorek, Michal; Mikolajczyk, Marian;
Kielbasinski, Piotr; Struchkov, Yu. T.; Antipin, M. Yu.
CS Inst. Gen. Chem., Tech. Univ. Lodz, Lodz, Pol.
SO Acta Crystallographica, Section B: Structural Crystallography and Crystal
Chemistry (1979), B35(4), 877-81

CODEN: ACBCAR; ISSN: 0567-7408

DT Journal
LA English

L2 ANSWER 95 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 68036-35-1 REGISTRY
CN Phosphoramidic acid, [(4-methoxyphenyl)methyl]-, diphenyl ester (9CI) (CA
INDEX NAME)
FS 3D CONCORD
MF C20 H20 N O4 P
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



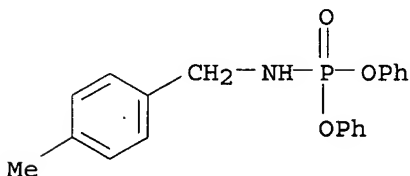
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 90:21849 CA
TI Phosphoric amides. 1. Phosphorus-nitrogen vs. nitrogen-carbon bond
cleavage in acidic solvolysis of N-alkyl phosphoramidates and
phosphinamidates
AU Modro, Tomasz A.; Lawry, Mary A.; Murphy, Elaine
CS Dep. Chem., Univ. Toronto, Toronto, ON, Can.
SO Journal of Organic Chemistry (1978), 43(26), 5000-6
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English

L2 ANSWER 96 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 68036-34-0 REGISTRY
CN Phosphoramidic acid, [(4-methylphenyl)methyl]-, diphenyl ester (9CI) (CA
INDEX NAME)
FS 3D CONCORD
MF C20 H20 N O3 P
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

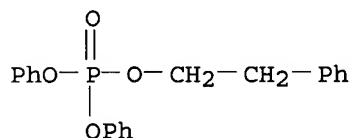
AN 101:23613 CA

TI Phosphoric amides. Part 7. Mass spectrometry of phosphoric amido esters: fragmentation patterns and migratory aptitudes
AU Davidowitz, Bette; Modro, Tomasz A.
CS Dep. Org. Chem., Univ. Cape Town, Rondebosch, S. Afr.
SO Organic Mass Spectrometry (1984), 19(3), 128-34
CODEN: ORMSBG; ISSN: 0030-493X
DT Journal
LA English

REFERENCE 2

AN 90:21849 CA
TI Phosphoric amides. 1. Phosphorus-nitrogen vs. nitrogen-carbon bond cleavage in acidic solvolysis of N-alkyl phosphoramidates and phosphinamidates
AU Modro, Tomasz A.; Lawry, Mary A.; Murphy, Elaine
CS Dep. Chem., Univ. Toronto, Toronto, ON, Can.
SO Journal of Organic Chemistry (1978), 43(26), 5000-6
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English

L2 ANSWER 97 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 66910-78-9 REGISTRY
CN Phosphoric acid, diphenyl 2-phenylethyl ester (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 2-Phenylethyl diphenyl phosphate.
CN Diphenyl phenethyl phosphate
FS 3D CONCORD
MF C20 H19 O4 P
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

8 REFERENCES IN FILE CA (1907 TO DATE)
8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 137:185580 CA
TI 3-Phosphono-2-(N-cyanoimino)thiazolidine derivatives, new phosphorylating agents for alcohols
AU Maezaki, Naoyoshi; Furusawa, Akemi; Hirose, Yuki; Uchida, Shuji; Tanaka, Tetsuaki
CS Osaka University, Graduate School of Pharmaceutical Sciences, Suita, Osaka, 565-0871, Japan
SO Tetrahedron (2002), 58(18), 3493-3498
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

AN 132:136937 CA
TI Design, synthesis, application and recovery of a minimally fluororous diaryl diselenide for the catalysis of stannane-mediated radical chain reactions

AU Crich, David; Hao, Xiaolin; Lucas, Mathew
CS Department of Chemistry, University of Illinois at Chicago, Chicago, IL,
60607-7061, USA
SO Tetrahedron (1999), 55(50), 14261-14268
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 3

AN 131:144161 CA
TI Inhibition of Stannane-Mediated Radical Rearrangements by a Recoverable,
Minimally Fluorous Selenol
AU Crich, David; Hao, Xiaolin; Lucas, Mathew A.
CS Department of Chemistry, University of Illinois at Chicago, Chicago, IL,
60607-7061, USA
SO Organic Letters (1999), 1(2), 269-271
CODEN: ORLEF7; ISSN: 1523-7060
PB American Chemical Society
DT Journal
LA English
RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 4

AN 124:117422 CA
TI Chemistry of .beta.-(Phosphatoxy)alkyl and .beta.-(Acyloxy)alkyl Radicals.
Migration Reactions: Scope and Stereoselectivity of .beta.-(
(Phosphatoxy)alkyl Rearrangement. Mechanism of .beta.-(Phosphatoxy)alkyl
and .beta.-(Acyloxy)alkyl Migration
AU Crich, David; Yao, Qingwei; Filzen, G. Fredrick
CS Department of Chemistry, University of Illinois, Chicago, IL, 60607-7061,
USA
SO Journal of the American Chemical Society (1995), 117(46), 11455-70
CODEN: JACSAT; ISSN: 0002-7863
PB American Chemical Society
DT Journal
LA English

REFERENCE 5

AN 123:32340 CA
TI Inhibition of Rearrangements in Stannane-Mediated Radical Reduction
Reactions by Catalytic Quantities of Diphenyl Diselenide. An Example of
Polarity Reversal Catalysis
AU Crich, David; Yao, Qingwei
CS Department of Chemistry, University of Illinois at Chicago, Chicago, IL,
60607-7061, USA
SO Journal of Organic Chemistry (1995), 60(1), 84-8
CODEN: JOCEAH; ISSN: 0022-3263
PB American Chemical Society
DT Journal
LA English

REFERENCE 6

AN 118:169204 CA
TI The .beta.-(phosphonooxy)alkyl radical rearrangement
AU Crich, David; Yao, Qingwei
CS Dep. Chem., Univ. Illinois, Chicago, IL, 60607-7061, USA
SO Journal of the American Chemical Society (1993), 115(3), 1165-6
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA English

REFERENCE 7

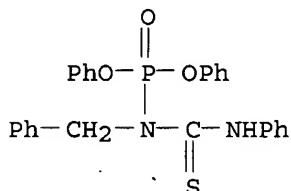
AN 93:150239 CA
 TI Esterification of phosphoric acid by benzoxazole derivatives
 IN Mukaiyama, Mitsuaki; Watanabe, Yutaka
 PA Nippon Chemiphar Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 2 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55038303	A2	19800317	JP 1978-110239	19780909
PRAI	JP 1978-110239		19780909		

REFERENCE 8

AN 89:24202 CA
 TI An efficient phosphorylation method by the activation of alcohol
 AU Watanabe, Yutaka; Mukaiyama, Teruaki
 CS Fac. Sci., Univ. Tokyo, Tokyo, Japan
 SO Chemistry Letters (1978), (4), 349-52
 CODEN: CMLTAG; ISSN: 0366-7022
 DT Journal
 LA English

L2 ANSWER 98 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 64643-57-8 REGISTRY
 CN Phosphoramidic acid, [(phenylamino)thioxomethyl] (phenylmethyl)-, diphenyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C26 H23 N2 O3 P S
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

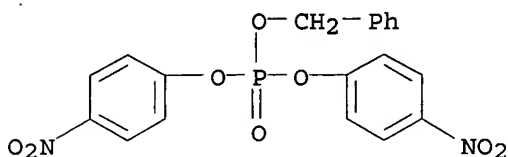
REFERENCE 1

AN 87:183677 CA
 TI Direct observation, isolation, and structure of 1:1 adducts from carbodiimides and dialkylphosphorothio(seleno)ic acids
 AU Mikolajczyk, Marian; Kielbasinski, Piotr; Goszczynska, Zofia
 CS Cent. Mol. Macromol. Stud., Pol. Acad. Sci., Lodz, Pol.
 SO Journal of Organic Chemistry (1977), 42(22), 3629-30
 CODEN: JOCEAH; ISSN: 0022-3263
 DT Journal
 LA English

L2 ANSWER 99 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 64108-81-2 REGISTRY
 CN Phosphoric acid, bis(4-nitrophenyl) phenylmethyl ester (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Phosphoric acid, benzyl bis(p-nitrophenyl) ester (6CI)

OTHER NAMES:

CN Benzyl bis(p-nitrophenyl) phosphate
 FS 3D CONCORD
 MF C19 H15 N2 O8 P
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

AN 108:37944 CA
 TI Structure-reactivity studies in phosphate triesters
 AU Armstrong, Moira M.; Cocks, Sarah; Modro, Tomasz A.
 CS Sch. Chem. Sci., Univ. Cape Town, Rondebosch, 7700, S. Afr.
 SO South African Journal of Chemistry (1987), 40(1), 20-4
 CODEN: SAJCDG; ISSN: 0379-4350
 DT Journal
 LA English

REFERENCE 2

AN 93:46099 CA
 TI Transesterification of tris(p-nitrophenyl) phosphate with sodium alkoxides: bis(p-nitrophenyl) methyl phosphate, bis(p-nitrophenyl) benzyl phosphate, bis(p-nitrophenyl) n-butyl phosphate
 AU Berndt, Michael C.; Dudman, N. P. B.; Zerner, Burt
 CS Dep. Biochem., Univ. Queensland, St. Lucia, 4067, Australia
 SO Phosphorus and Sulfur and the Related Elements (1979), 7(3), 225-7
 CODEN: PREEDF; ISSN: 0308-664X
 DT Journal
 LA English

REFERENCE 3

AN 87:202032 CA
 TI Phosphoric acid derivatives
 IN Mukaiyama, Mitsuaki; Hashimoto, Mitsunori
 PA Sankyo Co., Ltd., Japan
 SO Jpn. Tokkyo Koho, 5 pp.
 CODEN: JAXXAD
 DT Patent
 LA Japanese

FAN.CNT 1

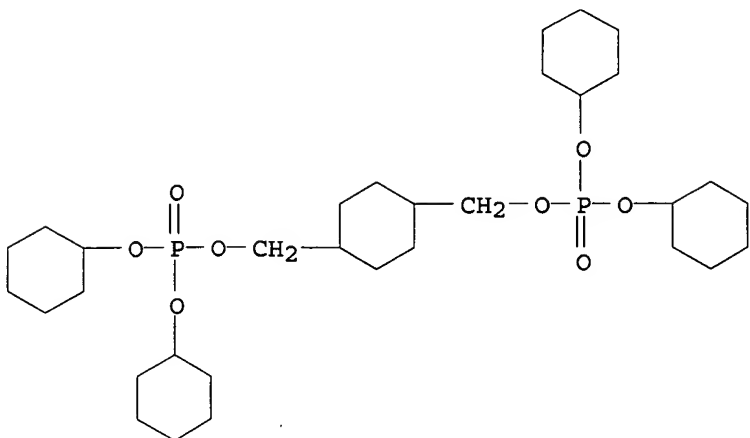
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 52008289	B4	19770308	JP 1970-64875	19700724
PRAI	JP 1970-64875		19700724		

L2 ANSWER 100 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 62955-06-0 REGISTRY
 CN Phosphoric acid, 1,4-cyclohexanediylbis(methylene) tetracyclohexyl ester (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1,4-Cyclohexylenedimethylene bis(dicyclohexyl phosphate)

FS 3D CONCORD
 MF C32 H58 O8 P2
 LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

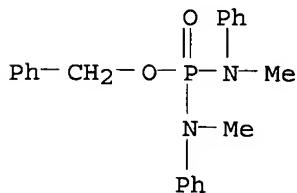
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 87:25818 CA
 TI Improved hydraulic liquids
 IN Heber, John F.
 PA Monsanto Co., USA
 SO Ger. Offen., 34 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2625878	A1	19761223	DE 1976-2625878	19760609
	US 4056480	A	19771101	US 1975-585636	19750610
	NL 7606145	A	19761214	NL 1976-6145	19760608
	JP 51149884	A2	19761223	JP 1976-66639	19760609
	FR 2314243	A1	19770107	FR 1976-17415	19760609
	GB 1532904	A	19781122	GB 1976-23851	19760609
	AU 507315	B2	19800214	AU 1976-14748	19760609
PRAI	US 1975-585636		19750610		

L2 ANSWER 101 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 58245-68-4 REGISTRY
 CN Phosphorodiamidic acid, N,N'-dimethyl-N,N'-diphenyl-, phenylmethyl ester
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C21 H23 N2 O2 P
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)



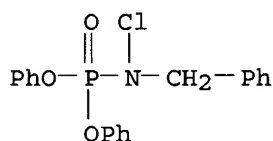
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 84:58805 CA
TI Organophosphorochloridates. Derivatives of N,N1-dialkyl-N,N1-diphenylphosphorodiamidic chlorides
AU Cremlyn, R. J. W.; Frearson, M. J.; Milnes, D.
CS Dep. Chem. Sci., Hatfield Polytech., Hatfield/Hertfordshire, UK
SO Phosphorus and the Related Group V Elements (1975), 6(1), 29-34
CODEN: PHUSBV; ISSN: 0369-9722
DT Journal
LA English

L2 ANSWER 102 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 54468-46-1 REGISTRY
CN Phosphoramidic acid, chloro(phenylmethyl)-, diphenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H17 Cl N O3 P
LC STN Files: CA, CAPLUS



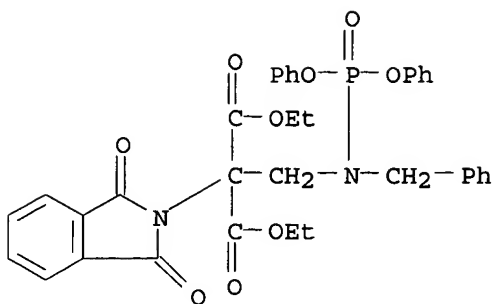
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 82:111546 CA
TI Methylenation of the nitrogen-halogen bond of positive halogen compounds
AU Orazi, Orfeo O.; Corral, Renee A.; Schuttenberg, Herman
CS Fac. Cienc. Exactas, Univ. Nac. La Plata, La Plata, Argent.
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1974), (18), 2087-91
CODEN: JCPRB4; ISSN: 0300-922X
DT Journal
LA English

L2 ANSWER 103 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 54468-10-9 REGISTRY
CN Propanedioic acid, (1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)[[(diphenoxyphosphinyl)(phenylmethyl)amino]methyl]-, diethyl ester (9CI) (CA INDEX NAME)
MF C35 H33 N2 O9 P
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



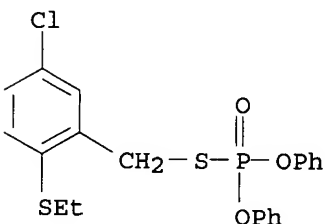
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 82:111546 CA
TI Methylenation of the nitrogen-halogen bond of positive halogen compounds
AU Orazi, Orfeo O.; Corral, Renee A.; Schuttenberg, Herman
CS Fac. Cienc. Exactas, Univ. Nac. La Plata, La Plata, Argent.
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and
Bio-Organic Chemistry (1972-1999) (1974), (18), 2087-91
CODEN: JCPRB4; ISSN: 0300-922X
DT Journal
LA English

L2 ANSWER 104 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 36717-05-2 REGISTRY
CN Phosphorothioic acid, S-[[5-chloro-2-(ethylthio)phenyl]methyl]
O,O-diphenyl ester (9CI) (CA INDEX NAME)
OTHER NAMES:
CN O,O-Diphenyl S-(5-chloro-2-ethylthiobenzyl) thiophosphate
FS 3D CONCORD
MF C21 H20 Cl O3 P S2
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

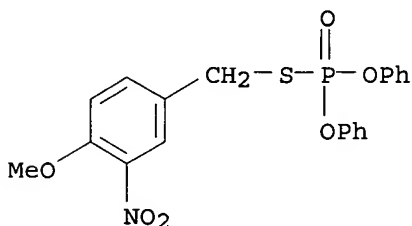
AN 77:88015 CA
TI Reaction of esters and ester amides of thiophosphoric acid with
substituted benzyl chlorides
AU Prokof'eva, A. F.; Mel'nikov, N. N.; Vladimirova, I. L.
CS Vses. Nauchno-Issled. Inst. Khim. Sredstv Zashch. Rast., USSR
SO Zhurnal Obshchei Khimii (1972), 42(4), 820-5
CODEN: ZOKHA4; ISSN: 0044-460X
DT Journal

LA Russian

L2 ANSWER 105 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 36717-04-1 REGISTRY
CN Phosphorothioic acid, S-[(4-methoxy-3-nitrophenyl)methyl] O,O-diphenyl ester (9CI) (CA INDEX NAME)

OTHER NAMES:

CN O,O-Diphenyl S-(4-methoxy-3-nitrobenzyl) thiophosphate
FS 3D CONCORD
MF C20 H18 N O6 P S
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 77:88015 CA
TI Reaction of esters and ester amides of thiophosphoric acid with substituted benzyl chlorides
AU Prokof'eva, A. F.; Mel'nikov, N. N.; Vladimirova, I. L.
CS Vses. Nauchno-Issled. Inst. Khim. Sredstv Zashch. Rast., USSR
SO Zhurnal Obshchei Khimii (1972), 42(4), 820-5
CODEN: ZOKHA4; ISSN: 0044-460X
DT Journal
LA Russian

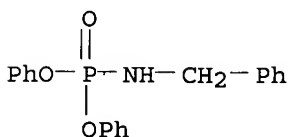
L2 ANSWER 106 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 33985-75-0 REGISTRY
CN Phosphoramidic acid, (phenylmethyl)-, diphenyl ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Phosphoramidic acid, benzyl-, diphenyl ester (6CI, 8CI)

OTHER NAMES:

CN NSC 87424
FS 3D CONCORD
MF C19 H18 N O3 P
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, HODOC*, TOXCENTER
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

16 REFERENCES IN FILE CA (1907 TO DATE)
16 REFERENCES IN FILE CAPLUS (1907 TO DATE)

2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

AN 133:18316 CA
 TI Halogen-free flame retardant compositions containing phosphoric acid amides
 IN Masuda, Takeshi; Morishita, Susumu; Kawada, Toshiko; Kano, Naoki
 PA Shikoku Chemicals Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000154277	A2	20000606	JP 1998-332994	19981124
PRAI	JP 1998-264090		19980918		

REFERENCE 2

AN 106:67388 CA
 TI Synthesis and reactions of N-acylphosphoramides related to 4-oxo-1,3-diaza-2-phospholanes
 AU Mulliez, Michel
 CS Lab. Chim. Org. Biol., Univ. Paris-Sud, Orsay, 91405, Fr.
 SO Bulletin de la Societe Chimique de France (1985), (6), 1211-18
 CODEN: BSCFAS; ISSN: 0037-8968
 DT Journal
 LA French

REFERENCE 3

AN 101:23613 CA
 TI Phosphoric amides. Part 7. Mass spectrometry of phosphoric amido esters: fragmentation patterns and migratory aptitudes
 AU Davidowitz, Bette; Modro, Tomasz A.
 CS Dep. Org. Chem., Univ. Cape Town, Rondebosch, S. Afr.
 SO Organic Mass Spectrometry (1984), 19(3), 128-34
 CODEN: ORMSBG; ISSN: 0030-493X
 DT Journal
 LA English

REFERENCE 4

AN 100:139002 CA
 TI Activation of carboxyl groups by diphenyl 2-oxo-3-oxazolinyolphosphonate. Facile preparation of versatile reagents, 3-acyl-2-oxazolones
 AU Kunieda, Takehisa; Higuchi, Tsunehiko; Abe, Yoshihiro; Hirobe, Masaaki
 CS Fac. Pharm. Sci., Univ. Tokyo, Tokyo, 113, Japan
 SO Tetrahedron (1983), 39(20), 3253-60
 CODEN: TETRAB; ISSN: 0040-4020
 DT Journal
 LA English

REFERENCE 5

AN 97:84392 CA
 TI Chromatography of amidophosphoric acid derivatives
 AU Kasperek, Frantisek
 CS Fac. Nat. Sci., Palacky Univ., Olomouc, Czech.
 SO Acta Universitatis Palackianae Olomucensis, Facultas Rerum Naturalium (1982), 73(Chem. 21), 11-16
 CODEN: AUONAD; ISSN: 0472-9005
 DT Journal
 LA English

REFERENCE 6

AN 95:254 CA
TI Diphenyl amidophosphates, their synthesis, determination of phosphorus,
and biological activity
AU Roubinek, F.; Bedrník, P.; Cech, M.; Danek, J.; Budesinsky, Z.
CS Vyzk. Ustav Farm. Biochem., Prague, Czech.
SO Cesko-Slovenska Farmacie (1980), 29(3-4), 90-4
CODEN: CKFRAY; ISSN: 0009-0530
DT Journal
LA Czech

REFERENCE 7

AN 93:45468 CA
TI Solvolysis of diphenyl amidophosphates in aqueous alcoholic media
AU Kaspárek, František; Mollin, Jiri
CS Inorg. Phys. Chem. Dep., Palacky Univ., Olomouc, 771 46, Czech.
SO Collection of Czechoslovak Chemical Communications (1980), 45(2), 386-96
CODEN: CCCCAK; ISSN: 0366-547X
DT Journal
LA English

REFERENCE 8

AN 90:21849 CA
TI Phosphoric amides. 1. Phosphorus-nitrogen vs. nitrogen-carbon bond
cleavage in acidic solvolysis of N-alkyl phosphoramidates and
phosphinamidates
AU Modro, Tomasz A.; Lawry, Mary A.; Murphy, Elaine
CS Dep. Chem., Univ. Toronto, Toronto, ON, Can.
SO Journal of Organic Chemistry (1978), 43(26), 5000-6
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English

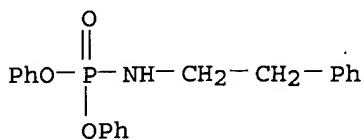
REFERENCE 9

AN 86:154832 CA
TI Mechanism of alkali-catalyzed hydrolysis of diphenyl amidophosphates
AU Mollin, J.; Veverka, F.; Kaspárek, F.
CS Palacky Univ., Olomouc, Czech.
SO Collection of Czechoslovak Chemical Communications (1976), 41(11), 3245-55
CODEN: CCCCAK; ISSN: 0010-0765
DT Journal
LA English

REFERENCE 10

AN 82:124968 CA
TI Alkaline hydrolysis of diphenyl N-alkyl(aryl)phosphoramidates
AU Kaspárek, František
CS Prirodoved. Fak., Palackeho Univ., Olomouc, Czech.
SO Acta Universitatis Palackianae Olomucensis, Facultas Rerum Naturalium
(1974), 45(Chemica 14), 23-8
CODEN: AUONAD; ISSN: 0472-9005
DT Journal
LA German

L2 ANSWER 107 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 33950-34-4 REGISTRY
CN Phosphoramidic acid, phenethyl-, diphenyl ester (8CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H20 N O3 P
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

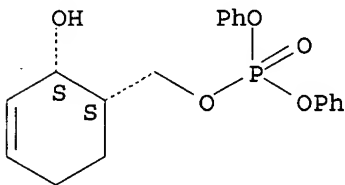
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 75:117724 CA
TI Structure-reactivity correlation for the hydrolysis of phosphoramidate monoanions
AU Benkovic, Stephen J.; Sampson, Eric J.
CS Dep. Chem., Pennsylvania State Univ., University Park, PA, USA
SO Journal of the American Chemical Society (1971), 93(16), 4009-16
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA English

L2 ANSWER 108 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 33073-77-7 REGISTRY
CN Phosphoric acid, (2-hydroxy-3-cyclohexen-1-yl)methyl diphenyl ester, cis-(8CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C19 H21 O5 P
LC STN Files: CA, CAPLUS

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

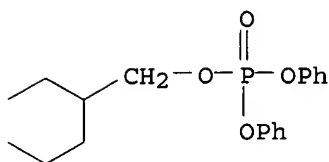
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 75:76219 CA
TI Synthesis of some hydroxycyclohexylcarbinol phosphates and related compounds
AU Chakraborti, S. K.
CS Dep. Chemother., Chittaranjan Natl. Cancer Res. Cent., Calcutta, India
SO Journal of the Indian Chemical Society (1971), 48(5), 475-82
CODEN: JICSAH; ISSN: 0019-4522
DT Journal
LA English

L2 ANSWER 109 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 33026-78-7 REGISTRY
CN Phosphoric acid, cyclohexylmethyl diphenyl ester (8CI, 9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H23 O4 P
LC STN Files: BEILSTEIN*, CA, CAPLUS

(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

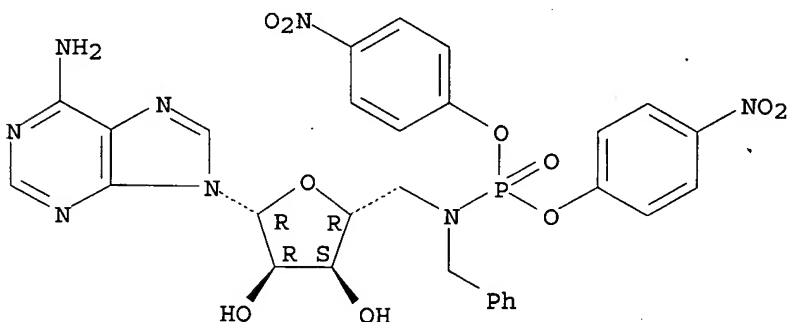
AN 87:151287 CA
TI Organic reactions at alumina surfaces. A mechanistic and synthetic study of sulfonate ester elimination reactions effected by chromatographic alumina
AU Posner, Gary H.; Gurria, George M.; Babiak, Kevin A.
CS Dep. Chem., Johns Hopkins Univ., Baltimore, MD, USA
SO Journal of Organic Chemistry (1977), 42(19), 3173-80
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English

REFERENCE 2

AN 75:76219 CA
TI Synthesis of some hydroxycyclohexylcarbinol phosphates and related compounds
AU Chakraborti, S. K.
CS Dep. Chemother., Chittaranjan Natl. Cancer Res. Cent., Calcutta, India
SO Journal of the Indian Chemical Society (1971), 48(5), 475-82
CODEN: JICSAH; ISSN: 0019-4522
DT Journal
LA English

L2 ANSWER 110 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 30765-17-4 REGISTRY
CN Adenosine, 5'-(benzylphosphonoamino)-5'-deoxy-, bis(p-nitrophenyl) ester (8CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C29 H27 N8 O10 P
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

Absolute stereochemistry.



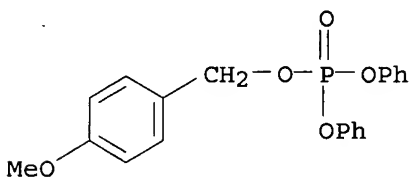
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 75:152034 CA
TI 5'-Amido analogs of adenosine 3',5'-cyclic monophosphate
AU Jastorff, Bernd; Murayama, Akira; Cramer, Friedrich; Hettler, Hans
CS Dep. Chem., Max-Planck-Inst. Exp. Med., Goettingen, Fed. Rep. Ger.
SO Journal of Organic Chemistry (1971), 36(20), 3029-33
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English

L2 ANSWER 111 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 21870-03-1 REGISTRY
CN Phosphoric acid, p-methoxybenzyl diphenyl ester (8CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Benzyl alcohol, p-methoxy-, diphenyl phosphate (8CI)
FS 3D CONCORD
MF C20 H19 O5 P
LC STN Files: CA, CAPLUS



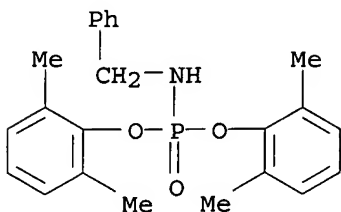
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 71:21145 CA
TI Alkylation of mercaptans and inhibition of "SH enzymes" by saligenin
cyclic phosphate and phosphorothiolate esters
AU Ohkawa, Hideo; Eto, Morifusa
CS Kyushu Univ., Fukuoka, Japan
SO Agricultural and Biological Chemistry (1969), 33(3), 443-51
CODEN: ABCHA6; ISSN: 0002-1369
DT Journal
LA English

L2 ANSWER 112 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 18350-95-3 REGISTRY
CN Phosphoramidic acid, (phenylmethyl)-, bis(2,6-dimethylphenyl) ester (9CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2,6-Xylenol, N-benzylphosphoramidate (2:1)
CN Phosphoramidic acid, benzyl-, di-2,6-xylyl ester (8CI)
MF C23 H26 N O3 P
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 108:167600 CA
TI Preparation of sterically hindered phosphoramidates
AU Talley, John J.
CS Res. Dev. Cent., Gen. Electr., Schenectady, NY, 12301, USA
SO Journal of Chemical and Engineering Data (1988), 33(2), 221-2
CODEN: JCEAAX; ISSN: 0021-9568
DT Journal
LA English

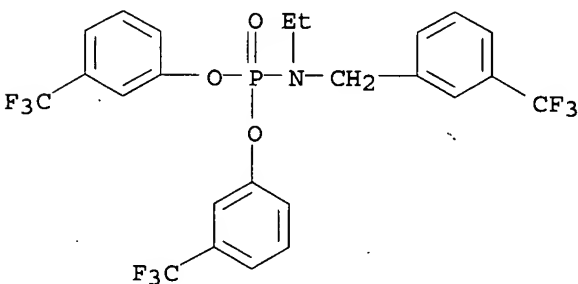
REFERENCE 2

AN 68:105299 CA
TI Structural effects in reactions of organophosphorus compounds. I.
Reactions of phosphorus oxychloride with hindered phenols
AU Kosolapoff, Gennady M.; Arpke, Charles K.; Lamb, Robert W.; Reich, Hans
CS Ff. J. Seiler Res. Lab. OAR, U. S. Air Force Acad., CO, USA
SO Journal of the Chemical Society [Section] C: Organic (1968), (7), 815-18
CODEN: JSOOAX; ISSN: 0022-4952
DT Journal
LA English

L2 ANSWER 113 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
RN 14355-05-6 REGISTRY
CN Phosphoramidic acid, ethyl[m-(trifluoromethyl)benzyl]-,
bis(.alpha.,.alpha.,.alpha.-trifluoro-m-tolyl) ester (8CI) (CA INDEX
NAME)

OTHER CA INDEX NAMES:

CN m-Cresol, .alpha.,.alpha.,.alpha.-trifluoro-, ethyl[m-
(trifluoromethyl)benzyl]phosphoramidate (2:1)
FS 3D CONCORD
MF C24 H19 F9 N O3 P
LC STN Files: BEILSTEIN*, CA, CAPLUS, IFICDB, IFIPAT, IFIUDB
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 69:35715 CA
 TI N-Fluoroalkyl (and Fluoroalkylaryl) phosphoramidates
 IN Blake, Edward S.; DeBrunner, Ralph E.; Webster, James A.
 PA Monsanto Research Corp.
 SO U.S., 7 pp.
 CODEN: USXXAM

DT Patent
 LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3369064	A	19680213	US 1964-412990	19641123
	BE 672659	A	19660523	BE 1965-672659	19651122
PRAI	US 1964-412990		19641123		

REFERENCE 2

AN 67:32458 CA
 TI Phosphoramidates containing fluorine and functional fluids
 IN DeBrunner, Ralph E.; Blake, Edward S.; Webster, James A.
 PA Monsanto Co.
 SO Belg., 30 pp.
 CODEN: BEXXAL

DT Patent
 LA French

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BE 672659	A	19660523	BE 1965-672659	19651122
	US 3369064	A	19680213	US 1964-412990	19641123
PRAI	US 1964-412990		19641123		

L2 ANSWER 114 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 13879-47-5 REGISTRY
 CN Phosphorothioic acid, O,O-diphenyl S-(phenylmethyl) ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Phosphorothioic acid, S-benzyl O,O-diphenyl ester (8CI)

OTHER NAMES:

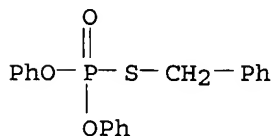
CN O,O-Diphenyl S-benzyl phosphorothioate

CN O,O-Diphenyl S-benzyl thiophosphate

FS 3D CONCORD

MF C19 H17 O3 P S

LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)

4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 103:71503 CA
 TI O,O-Diphenyl S-benzyl thiophosphate
 IN Bliznyuk, N. K.; Klimova, T. A.; Protasova, L. D.; Bliznyuk, A. N.

PA All-Union Scientific-Research Institute of Phytopathology, USSR
 SO U.S.S.R. From: Otkrytiya, Izobret. 1984, (48), 87.
 CODEN: URXXAF
 DT Patent
 LA Russian
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 1131878	A1	19841230	SU 1983-3645385	19830505
PRAI	SU 1983-3645385		19830505		

REFERENCE 2

AN 94:92640 CA
 TI Phosphorothioate
 PA Ouchi Shinko Chemical Industrial Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55128591	A2	19801004	JP 1979-36194	19790329
	JP 56043387	B4	19811012		
PRAI	JP 1979-36194		19790329		

REFERENCE 3

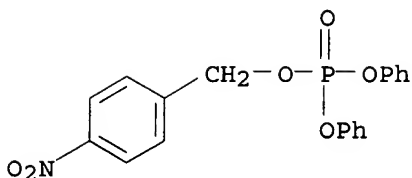
AN 91:80875 CA
 TI Electrosynthesis of heteroatom-heteroatom bonds. 4. Direct cross-coupling of dialkyl (or diaryl) phosphites with disulfides by a sodium bromide promoted electrolytic procedure
 AU Torii, Sigeru; Tanaka, Hideo; Sayo, Noboru
 CS Sch. Eng., Okayama Univ., Okayama, 700, Japan
 SO Journal of Organic Chemistry (1979), 44(16), 2938-41
 CODEN: JOCEAH; ISSN: 0022-3263
 DT Journal
 LA English

REFERENCE 4

AN 66:115455 CA
 TI S-Benzyl monothiophosphates
 IN Kado, Masaru; Maeda, Taizo; Sugiyama, Hironari
 PA Ihara Chemicals Co., Ltd.
 SO Jpn. Tokkyo Koho, 3 pp.
 CODEN: JAXXAD
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 42001541	B4	19670125	JP	19640319

L2 ANSWER 115 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 10577-64-7 REGISTRY
 CN Phosphoric acid, (4-nitrophenyl)methyl diphenyl ester (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzyl alcohol, p-nitro-, diphenyl phosphate
 CN Phosphoric acid, p-nitrobenzyl diphenyl ester (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN Diphenyl 4-nitrobenzyl phosphate
 FS 3D CONCORD
 MF C19 H16 N O6 P
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

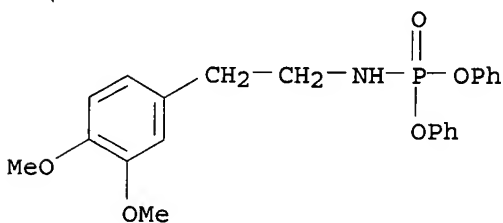
REFERENCE 1

AN 80:66128 CA
 TI Electrochemical reduction of diphenyl 4-nitrobenzyl phosphate
 AU Pak, Chong Min; Gulick, Wilson M., Jr.
 CS Dep. Chem., Florida State Univ., Tallahassee, FL, USA
 SO Electrochimica Acta (1973), 18(12), 1025-32
 CODEN: ELCAAV; ISSN: 0013-4686
 DT Journal
 LA English

REFERENCE 2

AN 65:28992 CA
 TI Examination of phosphorus hyperfine coupling constants in nitroaromatic anion radicals
 AU Gulick, Wilson M., Jr.; Geske, David H.
 CS Cornell Univ., Ithaca, NY
 SO Journal of the American Chemical Society (1966), 88(13), 2928-34
 CODEN: JACSAT; ISSN: 0002-7863
 DT Journal
 LA English

L2 ANSWER 116 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 7761-68-4 REGISTRY
 CN Phosphoramidic acid, [2-(3,4-dimethoxyphenyl)ethyl]-, diphenyl ester (9CI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Phosphoramidic acid, (3,4-dimethoxyphenethyl)-, diphenyl ester (8CI)
 FS 3D CONCORD
 MF C22 H24 N O5 P
 LC STN Files: BEILSTEIN*, CA, CAPLUS, RTECS*
 (*File contains numerically searchable property data)

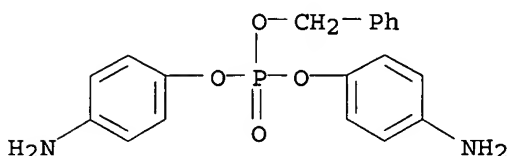


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 117 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN

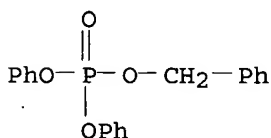
RN 6040-87-5 REGISTRY
 CN Phosphoric acid, bis(p-aminophenyl) benzyl ester (7CI, 8CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C19 H19 N2 O4 P
 LC STN Files: BEILSTEIN*, CAOLD
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 118 OF 118 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 4218-62-6 REGISTRY
 CN Phosphoric acid, diphenyl phenylmethyl ester (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzyl phenyl phosphate ((C7H7O)(PhO)2PO) (6CI, 7CI)
 CN Phosphoric acid, benzyl diphenyl ester (8CI)
 OTHER NAMES:
 CN O-Benzyl O,O-diphenyl phosphate
 FS 3D CONCORD
 MF C19 H17 O4 P
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMINFORMRX, TOXCENTER
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

11 REFERENCES IN FILE CA (1907 TO DATE)
 11 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 7 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

AN 139:117481 CA
 TI An Improved Method for Lewis Acid Catalyzed Phosphoryl Transfer with Ti(t-BuO)4
 AU Jones, Simon; Selitsianos, Dimitrios; Thompson, Kate J.; Toms, Steven M.
 CS School of Natural Sciences-Chemistry, University of Newcastle upon Tyne, Newcastle upon Tyne, NE1 7RU, UK
 SO Journal of Organic Chemistry (2003), 68(13), 5211-5216
 CODEN: JOCEAH; ISSN: 0022-3263
 PB American Chemical Society
 DT Journal
 LA English
 RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

AN 137:384913 CA
TI A Simple and Effective Method for Phosphoryl Transfer Using TiCl_4
Catalysis
AU Jones, Simon; Selitsianos, Dimitrios
CS Department of Chemistry, University of Newcastle upon Tyne Bedson
Building, Newcastle upon Tyne, NE1 7RU, UK
SO Organic Letters (2002), 4(21), 3671-3673
CODEN: ORLEF7; ISSN: 1523-7060
PB American Chemical Society
DT Journal
LA English
RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 3

AN 121:133265 CA
TI Direct transformation of trialkyl phosphates into organolithium compounds
by a DTBB-catalyzed lithiation
AU Guijarro, David; Mancheno, Balbino; Yus, Miguel
CS Dep. Quimica Org., Univ. Alicante, Alicante, 03080, Spain
SO Tetrahedron (1994), 50(28), 8551-8
CODEN: TETRAB; ISSN: 0040-4020
DT Journal
LA English

REFERENCE 4

AN 119:138482 CA
TI Unprecedented γ -selective nucleophilic substitution reaction of
allylmethyl reagents: a new cross-coupling of diphenyl phosphates with
allylic Grignard reagents
AU Yanagisawa, A.; Hibino, H.; Nomura, N.; Yamamoto, H.
CS Sch. Eng., Nagoya Univ., Nagoya, Japan
SO Journal of the American Chemical Society (1993), 115(13), 5879-80
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA English

REFERENCE 5

AN 87:21957 CA
TI Capture reactions of short-lived radicals. XVI. Reactions of
trimethylstannyl and trimethylsilyl radicals with tetraphenyldiphosphine,
phosphorus esters and per esters
AU Avar, Geza; Neumann, Wilhelm P.
CS Univ. Dortmund, Dortmund, Fed. Rep. Ger.
SO Journal of Organometallic Chemistry (1977), 131(2), 207-14
CODEN: JORCAI; ISSN: 0022-328X
DT Journal
LA German

REFERENCE 6

AN 71:21145 CA
TI Alkylation of mercaptans and inhibition of "SH enzymes" by saligenin
cyclic phosphate and phosphorothiolate esters
AU Ohkawa, Hideo; Eto, Morifusa
CS Kyushu Univ., Fukuoka, Japan
SO Agricultural and Biological Chemistry (1969), 33(3), 443-51
CODEN: ABCHA6; ISSN: 0002-1369
DT Journal
LA English

REFERENCE 7

AN 67:21239 CA
TI Chlorination of quinequivalent phosphorus esters
AU Green, Michael; Thorp, Deanna M.

CS Univ. Bristol, Bristol, UK
SO Journal of the Chemical Society [Section] C: Organic (1967), (5), 731-4
CODEN: JSOOAX; ISSN: 0022-4952
DT Journal
LA English

REFERENCE 8

AN 65:88244 CA
TI Polarographic activity of esters of phosphoric acid
AU Mairanovskii, V. G.; Fokina, L. N.; Vakulova, L. A.; Samokhvalor, G. I.
SO Zhurnal Obshchei Khimii (1966), 36(7), 1345-6
CODEN: ZOKHA4; ISSN: 0044-460X
DT Journal
LA Russian

REFERENCE 9

AN 63:97367 CA
TI Mechanism of chlorination of phosphorus esters
AU Green, M.; Thorp, D. M.
CS Univ. Bristol, UK
SO Chemical Communications (London) (1965), (19), 466-7
CODEN: CCOMA8; ISSN: 0009-241X
DT Journal
LA English

REFERENCE 10

AN 58:55628 CA
TI Potentiation and neurotoxicity induced by certain organophosphates
AU Casida, John E.; Baron, Ronald L.; Eto, Morifusa; Engel, Judith L.
CS Univ. of Wisconsin, Madison
SO Biochemical Pharmacology (1963), 12, 73-83
CODEN: BCPA6; ISSN: 0006-2952
DT Journal
LA Unavailable

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